

TUGAS KELOMPOK PV
SISTEM INFORMASI PENJUALAN ONDERDIL
CAHAYA MOTOR



Disusun Oleh :

- | | |
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Kelas : A

PROGRAM STUDY TEKNIK INFORMATIKA
FAKULTAS TEKNIK INDUSTRI
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SISTEM INFORMASI PENJUALAN ONDERDIL CAHAYA MOTOR

A. Latar Belakang Masalah

Perkembangan teknologi membawa manusia ke arah teknologi informasi yang berbasis komputerisasi. Komputer membantu mempercepat pengolahan data dalam memperoleh informasi, salah satunya adalah di dunia PENJUALAN ONDERDIL.

PENJUALAN ONDERDIL khusus nya di daerah Yogyakarta dalam pemesanan lebih mudah. Berbagai persoalan pada akhirnya bermunculan, diantaranya pendataan permintaan pembeli sangat banyak yang menyebabkan pendataan tidak dapat terdata dengan baik sehingga pendataan tersebut tidak sangat efisien.

Persoalan tersebut perlu adanya penerapan teknologi informasi (komputerisasi) dan komunikasi, diharapkan dapat meningkatkan efektivitas pendataan dan pelayanan serta meningkatkan kualitas. Sehingga pendataan seluruh proses bisnis yang ada di PENJUALAN ONDERDIL CAHAYA MOTOR dapat terdata dengan baik dan lebih efisien.

B. Perumusan Masalah

Berdasarkan latar belakang masalah dapat diperoleh rumusan masalah yaitu “Bagaimana membuat “SISTEM INFORMASI PENJUALAN ONDERDIL CAHAYA MOTOR”

C. Batasan Masalah

Pembuatan Sistem Informasi Penjualan Onderdil Cahaya Motor ini akan dibuat secara cepat dan mudah digunakan agar pendataan lebih mudah. Mencakup seluruh proses bisnis yang ada di Penjualan Onderdil Cahaya Motor

D. Tujuan

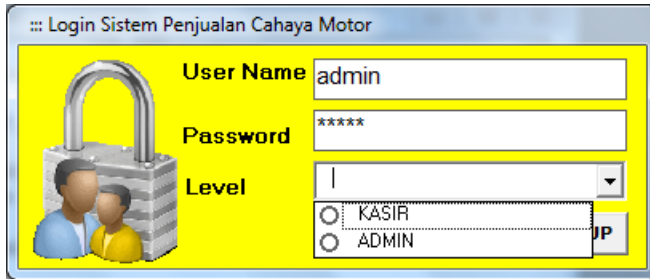
Pembuatan tugas proyek basis data ini bertujuan untuk membuat Sistem Informasi Penjualan Onderdil Cahaya Motor yang mampu memberikan informasi Laporan seluruh proses bisnis yang terdata di dalam sistem.

E. Manfaat

- Agar lebih mudah untuk pendataan proses bisnis.
- Memudahkan pemilik untuk merekap seluruh data yang telah tersimpan di sistem.
- Mendapatkan informasi seluruh laporan dengan mudah

F. Implementasi

1. Menu Login



Login Sistem Penjualan Cahaya Motor

User Name admin

Password *****

Level |

☐ KASIR

☐ ADMIN

JP

2. Menu Utama



3. Data Pelanggan

MANAJEMEN DATA PELANGGAN

Kode Pelanggan

Nama Pelanggan

Alamat

No. Telepon

Baru **Simpan** **Hapus** **Keluar**

NO	KODE	NAMA PELANGGAN	NO. TELEPON	ALAMAT
1	PG001	Umum	[]-____	Umum
2	PG002	Hendri Gunawan	[0817]-979666_	salaman
3	PG003	Ani Setiawati	[0815]-29343234	salaman
4	PG004	Iis Suwindri	[0815]-7979696_	salaman
5	PG005	Indah Indriyanna	[0815]-7979696_	salaman
6	PG006	Septi Suhesti	[0815]-7979696_	salaman

4. Data Pemasok

MANAJEMEN DATA PEMASOK

Kode Pemasok

Nama Pemasok

Alamat

Kota

Propinsi

No. Telepon

No. Fax

Kontak Person

Baru **Simpan** **Hapus** **Keluar**

NO	KODE	NAMA PEMASOK	ALAMAT	KOTA
1	PS001	Tata Motor	Jl.Janti, jogja	Bantul

5. Data Grup Produk

MANAJEMEN GRUP PRODUK

Kode Grup *) Harus 3 digit

Nama Grup

Baru **Simpan** **Hapus** **Keluar**

NO	KODE	NAMA GRUP
1	BAN	BAN
2	CAT	CAT
3	KMP	KAMPAS REM
4	KPP	KAMPAS KOPLING
5	OLI	OLI
6	SCK	SOCK BEKER

6. Data Produk Barang

MANAJEMEN PRODUK BARANG

Kode Produk

Data Grup

Nama Produk

Baru **Simpan** **Hapus** **Keluar**

NO	KODE	NAMA PRODUK
1	BAN.001	DUNLOP
2	BAN.002	IRC 300
3	BAN.003	FDR
4	BAN.004	FEDRAL
5	BAN.005	BRIGDESTONE
6	BAN.006	MIZEL
7	OLI.001	CASTROL
8	OLI.002	FEDERAL OIL

7. Data Barang

MANAJEMEN DATA BARANG

Grup Barang

Produk Barang

Nama Barang

Satuan **Kode Barang**

Harga Beli 0

Harga Jual 0

Stok Barang 0

Baru **Simpan** **Hapus** **Keluar**

NO	KODE	PRODUK	NAMA BARANG	SATUAN	H
1	BAN.001.001	DUNLOP	DUNLOP 300/17	Biji	
2	BAN.002.001	IRC 300	IRC 300/17	Biji	
3	BAN.003.001	FDR	FDR 250/17	Biji	
4	BAN.004.001	FEDRAL	FEDERAL 300/17	Biji	
5	BAN.006.001	MIZEL	MIZLE 3000	Biji	
6	OLI.001.001	CASTROL	CASTROL GO 4T	Botol	
7	OLI.001.002	CASTROL	Castrol Go 2T	Botol	

Cari Nama :

8. Transaksi Pembelian

TRANSAKSI PEMBELIAN BARANG

Nomor Masuk Nama Pemasok

Tanggal Masuk / / Alamat Pemasok

Kode Barang Nama Barang Harga (Rp) Qty Sub Total (Rp)

Transaksi Baru **Simpan** **Keluar**

Total Harga Rp. 0

9. Transaksi Penjualan

TRANSAKSI PENJUALAN

Nomor Transaksi: Tanggal:

Kode Barang: -

Nama Barang:

Harga Jual (Rp): 0 Pelanggan:

Jumlah:

Sub Total (Rp): 0

KODE	NAMA BARANG	HARGA (Rp)	JUMLAH	SUBTOTAL (Rp)

Transaksi Baru Simpan Keluar

Total Bayar Rp. 0

Uang Bayar Rp. 0

Uang Kembali Rp. 0

10. Laporan Seluruh Pemasok

Laporan Seluruh Pemasok

Zoom 100%

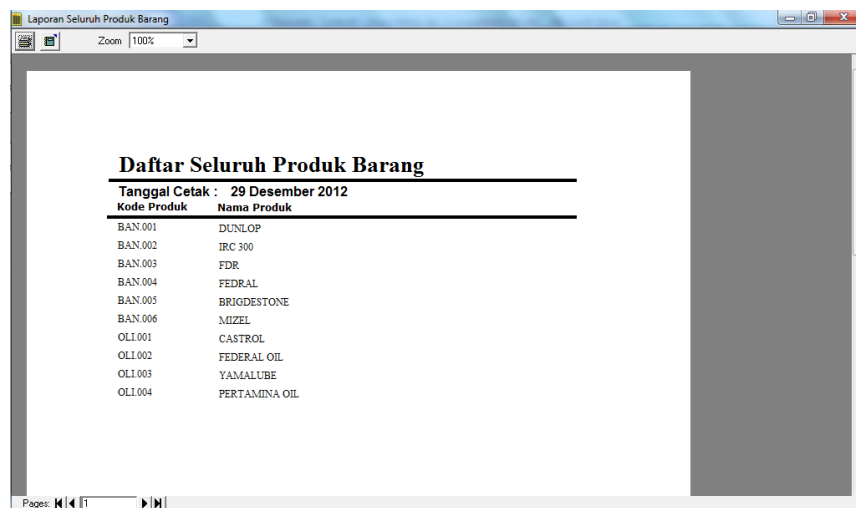
Laporan Seluruh Pemasok

Tanggal Cetak : 29 Desember 2012

Kode	Nama Pemasok	Alamat	Nomor Telepon	Kontak P
PS001	Tata Motor	Jl Janthi, jogja	[0275]-028343_...	Nugroho

Pages: 1/1

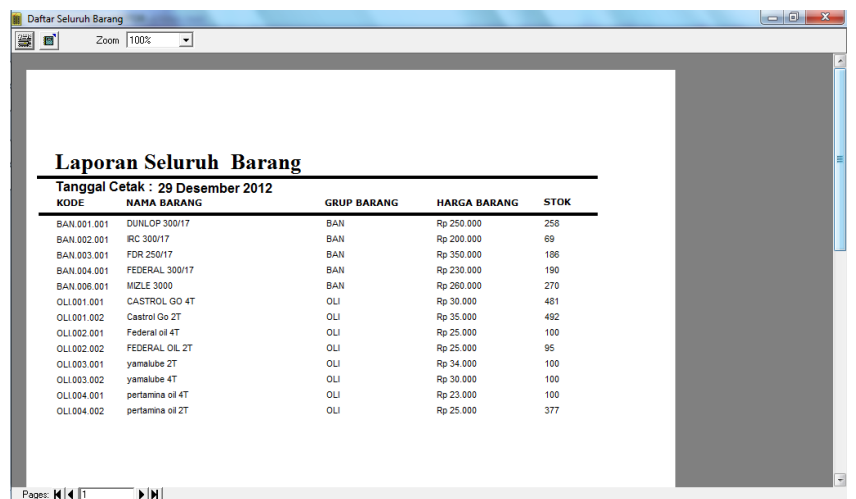
11. Laporan Seluruh Produk



The screenshot shows a window titled "Laporan Seluruh Produk Barang" with a zoom level of 100%. It displays a table titled "Daftar Seluruh Produk Barang" with a subtitle "Tanggal Cetak : 29 Desember 2012". The table has two columns: "Kode Produk" and "Nama Produk".

Kode Produk	Nama Produk
BAN.001	DUNLOP
BAN.002	IRC 300
BAN.003	FDR
BAN.004	FEDRAL
BAN.005	BRIGDESTONE
BAN.006	MIZEL
OLI.001	CASTROL
OLI.002	FEDERAL OIL
OLI.003	YAMALUBE
OLI.004	PERTAMINA OIL

12. Laporan Seluruh Barang



The screenshot shows a window titled "Daftar Seluruh Barang" with a zoom level of 100%. It displays a table titled "Laporan Seluruh Barang" with a subtitle "Tanggal Cetak : 29 Desember 2012". The table has five columns: "KODE", "NAMA BARANG", "GRUP BARANG", "HARGA BARANG", and "STOK".

KODE	NAMA BARANG	GRUP BARANG	HARGA BARANG	STOK
BAN.001.001	DUNLOP 300/17	BAN	Rp 250.000	258
BAN.002.001	IRC 300/17	BAN	Rp 200.000	69
BAN.003.001	FDR 250/17	BAN	Rp 350.000	186
BAN.004.001	FEDRAL 300/17	BAN	Rp 230.000	190
BAN.006.001	MIZEL 3000	BAN	Rp 260.000	270
OLI.001.001	CASTROL GO 4T	OLI	Rp 30.000	481
OLI.001.002	Castrol Go 2T	OLI	Rp 35.000	492
OLI.002.001	Federal oil 4T	OLI	Rp 25.000	100
OLI.002.002	FEDERAL OIL 2T	OLI	Rp 25.000	95
OLI.003.001	yamalube 2T	OLI	Rp 34.000	100
OLI.003.002	yamalube 4T	OLI	Rp 30.000	100
OLI.004.001	pertamina oil 4T	OLI	Rp 23.000	100
OLI.004.002	pertamina oil 2T	OLI	Rp 25.000	377

G. Source Code

1. Menu Login

```
Option Explicit  
Dim MaxLogin As Integer
```

```
Private Sub Form_Load()  
    Call BukaDatabase
```

```
    cmbLevel.AddItem ("KASIR")  
    cmbLevel.AddItem ("ADMIN")  
End Sub
```

```
Private Sub TbLogin_Click()
```



```

If txtUser.Text = "" Then
    MsgBox "USER ID MASIH KOSONG !", vbCritical + vbOKOnly, "Error"
    txtUser.SetFocus
ElseIf txtPwd.Text = "" Then
    MsgBox "PASSWORD MASIH KOSONG !", vbCritical + vbOKOnly, "Error"
    txtPwd.SetFocus
Else
    SQL = ""
    SQL = "SELECT * FROM Pengguna " _
        & "WHERE UserID='" & txtUser.Text & "' " _
        & " AND PassID='" & txtPwd.Text & "' " _
        & " AND Level='" & cmbLevel.Text & "'"
    Set rsPeriksa = KonekDb.Execute(SQL)

    If Not rsPeriksa.EOF Then
        If rsPeriksa!Level = "ADMIN" Then
            Unload Me
            With FrmUtama
                .Enabled = True
                .Show
                .MuFile.Enabled = True
                .mnuLogin.Enabled = False
                .mnuLogout.Enabled = True
                .mnuKeluar.Enabled = True
                .MuData.Enabled = True
                .MuTransaksi.Enabled = True
                .mnuPembelian.Enabled = True
                .mnuPenjualan.Enabled = True
                .mnuRetur.Enabled = True
                .MuLaporan.Enabled = True
                .mnuLapPemasok.Enabled = True
                .mnuLapGrup.Enabled = True
                .mnuLapProduk.Enabled = True
                .mnuLapBarang.Enabled = True
                .mnuLapBarangGrup.Enabled = True
                .mnuLapJualNota.Enabled = True
                .mnuLapJualTanggal.Enabled = True
                .mnuLapJualPeriode.Enabled = True
                .mnuLapBeliNota.Enabled = True
                .mnuLapBeliPeriode.Enabled = True
                .MuSetting.Enabled = True
                .mnuPengguna.Enabled = True

                End With
        Else
            Unload Me
            With FrmUtama
                .Enabled = True
                .Show
            End With
        End If
    End If
End If

```

```
.MuFile.Enabled = True
.mnuLogin.Enabled = False
.mnuLogout.Enabled = True
.mnuKeluar.Enabled = True
.MuData.Enabled = False
.MuTransaksi.Enabled = True
.mnuPembelian.Enabled = False
.mnuPenjualan.Enabled = True
.mnuRetur.Enabled = False
.MuLaporan.Enabled = True
.mnuLapPemasok.Enabled = True
.mnuLapGrup.Enabled = True
.mnuLapProduk.Enabled = True
.mnuLapBarang.Enabled = True
.mnuLapBarangGrup.Enabled = True
.mnuLapJualNota.Enabled = True
.mnuLapJualTanggal.Enabled = True
.mnuLapJualPeriode.Enabled = True
.mnuLapBeliNota.Enabled = False
.mnuLapBeliPeriode.Enabled = False
.MuSetting.Enabled = False
.mnuPengguna.Enabled = False
```

```
End With
End If
```

```
UserId = rsPeriksa!UserId
NamaId = rsPeriksa!Nama
```

```
With FrmUtama
.StatusBar1.Panels(1).Text = rsPeriksa!Nama
.StatusBar1.Panels(2).Text = "[" & rsPeriksa!Level & "]"
.mnuLogout.Enabled = True
End With
```

```
Unload Me
Else
' Periksa, login hanya 3 kali
' 3x gagal pesan error ditampilkan
If MaxLogin < 3 Then
MsgBox "PASSWORD MASIH SALAH, SILAHKAN ULANGI LAGI!",
vbCritical + vbOKOnly, "Error"
txtPwd.Text = ""
txtPwd.SetFocus
MaxLogin = MaxLogin + 1
Else
MsgBox "ANDA BUKAN USER YANG BERHAK!", vbCritical +
vbOKOnly, "Error"
End
End If
```

```

        End If
    End If
End Sub

Private Sub TbTutup_Click()
    Unload Me
End Sub

```

2. Menu Utama

```

Private Sub Form_Load()
    Label1.Caption = "CAHAYA MOTOR"
    Timer1.Interval = "10"
    Label2.Caption = "Menjual Suku Cadang Sepeda Motor dan Variasi"
    Timer1.Interval = "10"
End Sub

Private Sub Form_Unload(Cancel As Integer)
    If MsgBox("YAKIN AKAN MENUTUP APLIKASI INI..?", vbYesNo +
vbQuestion, "Konfirmasi") = vbNo Then
        Cancel = 1
    Else
        End
    End If
End Sub

'# MENU FILE
Private Sub mnuLogin_Click()
    frmLogin.Show 1
End Sub

Private Sub mnuLogout_Click()
    MuLaporan.Enabled = False
    MuData.Enabled = False
    MuTransaksi.Enabled = False
    MuLaporan.Enabled = False
    MuSetting.Enabled = False
    mnuLogin.Enabled = True
    mnuLogout.Enabled = False
End Sub

Private Sub mnuKeluar_Click()
    Unload Me
End Sub

'# MENU DATA MASTER

Private Sub mnuPelanggan_Click()
    frmPelanggan.Show 1

```

```
End Sub
```

```
Private Sub mnuPemasok_Click()  
    frmPemasok.Show 1  
End Sub
```

```
Private Sub mnuGrup_Click()  
    frmGrup.Show 1  
End Sub
```

```
Private Sub mnuProduk_Click()  
    frmProduk.Show 1  
End Sub
```

```
Private Sub mnuBarang_Click()  
    frmBarang.Show 1  
End Sub
```

```
'# MENU DATA TRANSAKSI
```

```
Private Sub mnuPembelian_Click()  
    frmPembelian.Show 1  
End Sub
```

```
Private Sub mnuPenjualan_Click()  
    frmPenjualan.Show 1  
End Sub
```

```
'# MENU LAPORAN
```

```
Private Sub mnuLapPemasok_Click()  
    rptLapPemasok.Sections("Section4").Controls("LblTanggal").Caption =  
    Format(Date, "dd MMMM yyyy")  
    rptLapPemasok.Show 1  
End Sub
```

```
Private Sub mnuLapGrup_Click()  
    rptLapGrup.Sections("Section4").Controls("LblTanggal").Caption = Format(Date,  
    "dd MMMM yyyy")  
    rptLapGrup.Show 1  
End Sub
```

```
Private Sub mnuLapProduk_Click()  
    rptLapProduk.Sections("Section4").Controls("LblTanggal").Caption =  
    Format(Date, "dd MMMM yyyy")  
    rptLapProduk.Show 1  
End Sub
```

```
Private Sub mnuLapBarang_Click()  
    rptLapBarang.Sections("Section4").Controls("LblTanggal").Caption =  
    Format(Date, "dd MMMM yyyy")  
    rptLapBarang.Show 1
```

End Sub

```
Private Sub mnuLapBarangGrup_Click()  
    frmLapBarangGrup.Show 1  
End Sub
```

```
Private Sub mnuLapJualNota_Click()  
    frmLapJualNota.Show 1  
End Sub
```

```
Private Sub mnuLapJualTanggal_Click()  
    frmLapJualTanggal.Show 1  
End Sub
```

```
Private Sub mnuLapJualPeriode_Click()  
    frmLapJualPeriode.Show 1  
End Sub
```

```
Private Sub mnuLapBeliNota_Click()  
    frmLapBeliNota.Show 1  
End Sub
```

```
Private Sub mnuLapBeliTanggal_Click()  
    frmLapBeliTanggal.Show 1  
End Sub
```

```
Private Sub mnuLapBeliPeriode_Click()  
    frmLapBeliPeriode.Show 1  
End Sub
```

```
Private Sub mnuLapBarangTerjual_Click()  
    frmLapTerlarisPeriode.Show 1  
End Sub
```

MENU SETTING

```
Private Sub mnuPengguna_Click()  
    frmPengguna.Show 1  
End Sub
```

```
Private Sub MuCariBarang_Click()  
    frmCariBarang2.Show 1  
End Sub
```

```
Private Sub MuKalkulator_Click()  
    Shell ("calc.exe")  
End Sub
```

```
Private Sub MuPencarianBarang_Click()  
    frmCariBarang.Show 1  
End Sub
```

```

Private Sub MuProgramer_Click()
frmProg.Show 1
End Sub

Private Sub Timer1_Timer()
Label1.Left = Label1.Left - 100
If Label1.Left < -8000 Then
Label1.Left = 19000
End If
Label2.Left = Label2.Left - 100
If Label2.Left < -8000 Then
Label2.Left = 19000
End If

End Sub

Private Sub Toolbar1_ButtonClick(ByVal Button As MSComctlLib.Button)
Select Case Button.Index
Case 1
    MuLaporan.Enabled = False
    MuData.Enabled = False
    MuTransaksi.Enabled = False
    MuLaporan.Enabled = False
    MuSetting.Enabled = False
    mnuLogin.Enabled = True
    mnuLogout.Enabled = False
    Toolbar1.Enabled = False
Case 2
    frmPenjualan.Show 1
Case 3
    PopupMenu FrmUtama.MuLaporan, , Button.Left, (Button.Top +
Button.Height)
Case 4
Dim out
    out = MsgBox("Anda Yakin Ingin Keluar? ", _
vbYesNo + vbQuestion, "Konfirmasi")
    If out = vbYes Then
        End
    End If
End Select
End Sub

```

3. Data Pelanggan

```
Option Explicit
Dim GridBaris As Byte

Private Sub Form_Load()
    Call BukaDatabase
    Call FormMati
    Call TampilGridPelanggan

    TbSimpan.Enabled = False
    TbHapus.Enabled = False
    txtKode.Locked = True
End Sub

Sub FormMati()
    txtKode.Enabled = False
    txtNama.Enabled = False
    txtTelepon.Enabled = False
    txtAlamat.Enabled = False

    txtNama.BackColor = &HC0FFFF
    txtTelepon.BackColor = &HC0FFFF
    txtAlamat.BackColor = &HC0FFFF
End Sub

Sub FormHidup()
    txtKode.Enabled = True
    txtNama.Enabled = True
    txtTelepon.Enabled = True
    txtAlamat.Enabled = True

    txtNama.BackColor = &HFFFFFF
    txtTelepon.BackColor = &HFFFFFF
    txtAlamat.BackColor = &HFFFFFF
End Sub

Sub FormKosong()
    txtKode.Text = ""
    txtNama.Text = ""
    txtTelepon.Text = "[____]-_____"
    txtAlamat.Text = ""
End Sub

Sub FormNormal()
    Call FormKosong
    Call FormMati

    TbBaru.Enabled = True
    TbHapus.Enabled = False
```

```

TbSimpan.Enabled = False
TbKeluar.Caption = "&Keluar"
End Sub

Sub BuatKode()
    Dim Kd As String
    Dim KodeBaru As String

    SQL = "SELECT * FROM Pelanggan ORDER BY Kode_Pelanggan"
    Set Rs_Pelanggan = New ADODB.Recordset
    Rs_Pelanggan.Open SQL, KonekDb, _
        adOpenDynamic, adLockBatchOptimistic
    Rs_Pelanggan.Requery

    With Rs_Pelanggan
        If .BOF Then
            txtKode.Text = "PG001"
            Exit Sub
        Else
            .MoveLast
            Kd = !Kode_Pelanggan
            Kd = Val(Right(Kd, 3))
            Kd = Kd + 1
        End If
        KodeBaru = "PG" + Format(Kd, "000")
    End With
    txtKode.Enabled = True
    txtKode.Text = KodeBaru
End Sub

Sub AktifGridPelanggan()
    With GridPlg
        .Cols = 5

        .RowHeightMin = 300
        .Col = 0
        .Row = 0
        .Text = "NO"
        .CellFontBold = True
        .ColWidth(0) = 400
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter

        .RowHeightMin = 300
        .Col = 1
        .Row = 0
        .Text = "KODE"
        .CellFontBold = True
        .ColWidth(1) = 750
        .AllowUserResizing = flexResizeColumns
    End With
End Sub

```



```

.CellAlignment = flexAlignCenterCenter

.Col = 2
.Row = 0
.Text = "NAMA PELANGGAN"
.CellFontBold = True
.ColWidth(2) = 2000
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 3
.Row = 0
.Text = "NO.TELEPON"
.CellFontBold = True
.ColWidth(3) = 1600
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 4
.Row = 0
.Text = "ALAMAT"
.CellFontBold = True
.ColWidth(4) = 3250
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
End With
End Sub

Sub TampilGridPelanggan()
    Dim Baris As Integer
    GridPlg.Clear
    Call AktifGridPelanggan

    GridPlg.Rows = 2
    Baris = 0

    Set Rs_Pelanggan = New ADODB.Recordset
    Rs_Pelanggan.Open "SELECT * FROM Pelanggan", _
        KonekDb, adOpenDynamic, adLockOptimistic
    If Rs_Pelanggan.BOF Then
        MsgBox "Tabel Pelanggan masih kosong!", _
            vbOKOnly + vbInformation, "Perhatian"
        Exit Sub
    Else
        With Rs_Pelanggan
            .MoveFirst
            Do While Not .EOF
                On Error Resume Next
                Baris = Baris + 1
                GridPlg.Rows = Baris + 1
            Loop
        End With
    End If
End Sub

```

```

        GridPlg.TextMatrix(Baris, 0) = Baris
        GridPlg.TextMatrix(Baris, 1) = !Kode_Pelanggan
        GridPlg.TextMatrix(Baris, 2) = !Nama_Pelanggan
        GridPlg.TextMatrix(Baris, 3) = !No_Telepon
        GridPlg.TextMatrix(Baris, 4) = !Alamat
    .MoveNext
    Loop
    End With
End If
End Sub

Private Sub TbBaru_Click()
    Call FormHidup
    Call BuatKode

    txtKode.Enabled = False
    txtNama.SetFocus

    TbBaru.Enabled = False
    TbSimpan.Enabled = True
    TbHapus.Enabled = False
    TbKeluar.Caption = "&Normal"
End Sub

Private Sub GridPlg_DblClick()
    TbHapus.Enabled = True
    TbSimpan.Enabled = True
    TbKeluar.Caption = "&Normal"
    TbBaru.Enabled = False

    Call FormHidup
    txtKode.Enabled = False
    txtNama.SetFocus

    GridBaris = GridPlg.Row

    Set Rs_Pelanggan = New ADODB.Recordset
    Rs_Pelanggan.Open " SELECT * FROM Pelanggan " _
        & " WHERE Kode_Pelanggan=" & _
        & GridPlg.TextMatrix(GridBaris, 1) & " " _
        , KonekDb, adOpenDynamic, adLockOptimistic

    If Rs_Pelanggan.BOF Then
        MsgBox "TABEL MASIH KOSONG!", _
            vbOKOnly + vbInformation, "Erro"
    Exit Sub
    Else
        Rs_Pelanggan.MoveFirst
        Do While Not Rs_Pelanggan.EOF
            On Error Resume Next

```

```

txtKode.Text = Rs_Pelanggan!Kode_Pelanggan
txtNama.Text = Rs_Pelanggan!Nama_Pelanggan
txtTelepon.Text = Rs_Pelanggan!No_Telepon
txtAlamat.Text = Rs_Pelanggan!Alamat
Rs_Pelanggan.MoveNext
Loop
End If
End Sub

Private Sub TbSimpan_Click()
    If txtNama.Text = "" Then
        MsgBox "NAMA TIDAK BOLEH KOSONG!", _
            vbInformation + vbOKOnly, "Error"
        txtNama.SetFocus
    ElseIf txtAlamat.Text = "" Then
        MsgBox "ALAMAT TIDAK BOLEH KOSONG", _
            vbInformation + vbOKOnly, "Error"
        txtAlamat.SetFocus
    Else
        SQL = ""
        SQL = "SELECT * FROM Pelanggan WHERE Kode_Pelanggan = " &
txtKode.Text & ""
        Set Rs_Pelanggan = New ADODB.Recordset
        Rs_Pelanggan.Open SQL, KonekDb, adOpenDynamic, adLockOptimistic

        If Rs_Pelanggan.EOF Then
            With Rs_Pelanggan
                .AddNew
                .Fields!Kode_Pelanggan = Trim(txtKode.Text)
                .Fields!Nama_Pelanggan = Trim(txtNama.Text)
                .Fields!No_Telepon = Trim(txtTelepon.Text)
                .Fields!Alamat = Trim(txtAlamat.Text)
                .Update
            End With
            MsgBox "DATA BARU TELAH TERSIMPAN", vbOKOnly +
vbInformation, "INFO"
        Else
            With Rs_Pelanggan
                .Fields!Nama_Pelanggan = Trim(txtNama.Text)
                .Fields!No_Telepon = Trim(txtTelepon.Text)
                .Fields!Alamat = Trim(txtAlamat.Text)
                .Update
            End With
            MsgBox "DATA PELANGGAN TELAH DIUBAH", vbOKOnly +
vbInformation, "INFO"
        End If

        Rs_Pelanggan.Requery
        Call FormNormal
        Call FormMati
    End Sub

```

```

        Call TampilGridPelanggan
    End If
End Sub

Private Sub TbHapus_Click()
    Tanya = MsgBox("YAKIN AKAN MENGHAPUS DATA INI?" & vbCrLf & ""
    -
        & "KODE : " & txtKode & vbCrLf & "" _
        & "NAMA : " & txtNama.Text & vbCrLf & "", _
        vbYesNo + vbQuestion, "Awass")
    If Tanya = vbYes Then
        SQL = "DELETE FROM Pelanggan WHERE " _
        & " Kode_Pelanggan=" & txtKode.Text & ""
        KonekDb.Execute SQL, , adCmdText
        Rs_Pelanggan.Requery
        Call FormNormal
        Call FormMati
        Call TampilGridPelanggan
    Else
        Call FormNormal
    End If
End Sub

Private Sub TbKeluar_Click()
    If TbKeluar.Caption = "&Keluar" Then
        Unload Me
    Else
        Call FormNormal
    End If
End Sub

Private Sub TxtAlamat_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

Private Sub txtNama_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

Private Sub txtTelepon_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
    End If
End Sub

```

```

ElseIf Not (KeyAscii >= Asc("0") _
And KeyAscii <= Asc("9")) _
Or KeyAscii = vbKeyBack) Then
    Beep
    KeyAscii = 0
End If
End Sub

```

4. Data Pemasok

```

Option Explicit
Dim GridBaris As Byte

Private Sub Form_Load()
    Call BukaDatabase
    Call FormMati
    Call TampilGridPemasok

    TbSimpan.Enabled = False
    TbHapus.Enabled = False
    txtKode.Locked = True
End Sub

Sub FormMati()
    txtKode.Enabled = False
    txtNama.Enabled = False
    txtAlamat.Enabled = False
    txtKota.Enabled = False
    txtPropinsi.Enabled = False
    txtTelepon.Enabled = False
    txtFax.Enabled = False
    txtKontakP.Enabled = False

    txtNama.BackColor = &HC0FFFF
    txtAlamat.BackColor = &HC0FFFF
    txtKota.BackColor = &HC0FFFF
    txtPropinsi.BackColor = &HC0FFFF
    txtTelepon.BackColor = &HC0FFFF
    txtFax.BackColor = &HC0FFFF
    txtKontakP.BackColor = &HC0FFFF
End Sub

Sub FormHidup()
    txtKode.Enabled = True
    txtNama.Enabled = True
    txtAlamat.Enabled = True
    txtKota.Enabled = True
    txtPropinsi.Enabled = True
    txtTelepon.Enabled = True

```

```

txtFax.Enabled = True
txtKontakP.Enabled = True

txtNama.BackColor = &HFFFFFF
txtAlamat.BackColor = &HFFFFFF
txtKota.BackColor = &HFFFFFF
txtPropinsi.BackColor = &HFFFFFF
txtTelepon.BackColor = &HFFFFFF
txtFax.BackColor = &HFFFFFF
txtKontakP.BackColor = &HFFFFFF
End Sub

Sub FormKosong()
txtKode.Text = ""
txtNama.Text = ""
txtAlamat.Text = ""
txtKota.Text = ""
txtPropinsi.Text = ""
txtTelepon.Text = "[____]-_____"
txtFax.Text = "[____]-_____"
txtKontakP.Text = ""
End Sub

Sub FormNormal()
Call FormKosong
Call FormMati

TbBaru.Enabled = True
TbHapus.Enabled = False
TbSimpan.Enabled = False
TbKeluar.Caption = "&Keluar"
End Sub

Sub BuatKode()
Dim Kd As String
Dim KodeBaru As String

SQL = "SELECT * FROM Pemasok ORDER BY Kode_Pemasok"
Set Rs_Pemasok = New ADODB.Recordset
Rs_Pemasok.Open SQL, KonekDb, _
    adOpenDynamic, adLockBatchOptimistic
Rs_Pemasok.Requery

With Rs_Pemasok
If .BOF Then
txtKode.Text = "PS001"
Exit Sub
Else
.MoveLast
Kd = !Kode_Pemasok

```

```

    Kd = Val(Right(Kd, 3))
    Kd = Kd + 1
End If
KodeBaru = "PS" + Format(Kd, "000")
End With
txtKode.Enabled = True
txtKode.Text = KodeBaru
End Sub

Sub AktifGridPemasok()
    With GridPsk
        .Cols = 6

        .RowHeightMin = 300
        .Col = 0
        .Row = 0
        .Text = "NO"
        .CellFontBold = True
        .ColWidth(0) = 400
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter

        .RowHeightMin = 300
        .Col = 1
        .Row = 0
        .Text = "KODE"
        .CellFontBold = True
        .ColWidth(1) = 750
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter

        .Col = 2
        .Row = 0
        .Text = "NAMA PEMASOK"
        .CellFontBold = True
        .ColWidth(2) = 2000
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter

        .Col = 3
        .Row = 0
        .Text = "ALAMAT"
        .CellFontBold = True
        .ColWidth(3) = 3000
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter

        .Col = 4
        .Row = 0
        .Text = "KOTA"
    End With
End Sub

```

```

.CellFontBold = True
.ColWidth(4) = 1500
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 5
.Row = 0
.Text = "PROPINSI"
.CellFontBold = True
.ColWidth(5) = 1500
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
End With
End Sub

Sub TampilGridPemasok()
    Dim Baris As Integer
    GridPsk.Clear
    Call AktifGridPemasok

    GridPsk.Rows = 2
    Baris = 0

    Set Rs_Pemasok = New ADODB.Recordset
    Rs_Pemasok.Open "SELECT * FROM Pemasok", _
        KonekDb, adOpenDynamic, adLockOptimistic
    If Rs_Pemasok.BOF Then
        MsgBox "Tabel Pemasok masih kosong!", _
            vbOKOnly + vbInformation, "Perhatian"
        Exit Sub
    Else
        With Rs_Pemasok
            .MoveFirst
            Do While Not .EOF
                On Error Resume Next
                Baris = Baris + 1
                GridPsk.Rows = Baris + 1
                GridPsk.TextMatrix(Baris, 0) = Baris
                GridPsk.TextMatrix(Baris, 1) = !Kode_Pemasok
                GridPsk.TextMatrix(Baris, 2) = !Nama_Pemasok
                GridPsk.TextMatrix(Baris, 3) = !Alamat
                GridPsk.TextMatrix(Baris, 4) = !Kota
                GridPsk.TextMatrix(Baris, 5) = !Propinsi
            .MoveNext
        Loop
    End With
End If
End Sub

Private Sub TbBaru_Click()

```



```

Call FormHidup
Call BuatKode

txtKode.Enabled = False
txtNama.SetFocus

TbBaru.Enabled = False
TbSimpan.Enabled = True
TbHapus.Enabled = False
TbKeluar.Caption = "&Normal"
End Sub

Private Sub GridPsk_DbClick()
    TbHapus.Enabled = True
    TbSimpan.Enabled = True
    TbKeluar.Caption = "&Normal"
    TbBaru.Enabled = False

    Call FormHidup
    txtKode.Enabled = False
    txtNama.SetFocus

    GridBaris = GridPsk.Row

    Set Rs_Pemasok = New ADODB.Recordset
    Rs_Pemasok.Open " SELECT * FROM Pemasok " _
        & " WHERE Kode_Pemasok=" & _
        & GridPsk.TextMatrix(GridBaris, 1) & " " _
        , KonekDb, adOpenDynamic, adLockOptimistic

    If Rs_Pemasok.BOF Then
        MsgBox "TABEL MASIH KOSONG!", _
            vbOKOnly + vbInformation, "Erro"
        Exit Sub
    Else
        Rs_Pemasok.MoveFirst
        Do While Not Rs_Pemasok.EOF
            On Error Resume Next
            txtKode.Text = Rs_Pemasok!Kode_Pemasok
            txtNama.Text = Rs_Pemasok!Nama_Pemasok
            txtAlamat.Text = Rs_Pemasok!Alamat
            txtKota.Text = Rs_Pemasok!Kota
            txtPropinsi.Text = Rs_Pemasok!Propinsi
            txtTelepon.Text = Rs_Pemasok!No_Telepon
            txtFax.Text = Rs_Pemasok!No_Fax
            txtKontakP.Text = Rs_Pemasok!KontakP
            Rs_Pemasok.MoveNext
        Loop
    End If
End Sub

```

```

Private Sub TbSimpan_Click()
    If txtNama.Text = "" Then
        MsgBox "NAMA TIDAK BOLEH KOSONG!", _
            vbInformation + vbOKOnly, "Error"
        txtNama.SetFocus
    ElseIf txtAlamat.Text = "" Then
        MsgBox "ALAMAT TIDAK BOLEH KOSONG", _
            vbInformation + vbOKOnly, "Error"
        txtAlamat.SetFocus
    ElseIf txtKota.Text = "" Then
        MsgBox "KOTA TIDAK BOLEH KOSONG", _
            vbInformation + vbOKOnly, "Error"
        txtKota.SetFocus
    ElseIf txtPropinsi.Text = "" Then
        MsgBox "PROPINSI TIDAK BOLEH KOSONG", _
            vbInformation + vbOKOnly, "Error"
        txtPropinsi.SetFocus
    Else
        SQL = ""
        SQL = "SELECT * FROM Pemasok WHERE Kode_Pemasok = '" &
txtKode.Text & "'"
        Set Rs_Pemasok = New ADODB.Recordset
        Rs_Pemasok.Open SQL, KonekDb, adOpenDynamic, adLockOptimistic

        If Rs_Pemasok.BOF Then
            With Rs_Pemasok
                .AddNew
                .Fields!Kode_Pemasok = Trim(txtKode.Text)
                .Fields!Nama_Pemasok = Trim(txtNama.Text)
                .Fields!Alamat = Trim(txtAlamat.Text)
                .Fields!Kota = Trim(txtKota.Text)
                .Fields!Propinsi = Trim(txtPropinsi.Text)
                .Fields!No_Telepon = Trim(txtTelepon.Text)
                .Fields!No_Fax = Trim(txtFax.Text)
                .Fields!KontakP = Trim(txtKontakP.Text)
                .Update
            End With
            MsgBox "DATA BARU TELAH TERSIMPAN", vbOKOnly +
vbInformation, "INFO"
        Else
            With Rs_Pemasok
                .Fields!Nama_Pemasok = Trim(txtNama.Text)
                .Fields!Alamat = Trim(txtAlamat.Text)
                .Fields!Kota = Trim(txtKota.Text)
                .Fields!Propinsi = Trim(txtPropinsi.Text)
                .Fields!No_Telepon = Trim(txtTelepon.Text)
                .Fields!No_Fax = Trim(txtFax.Text)
                .Fields!KontakP = Trim(txtKontakP.Text)
                .Update
            End With
        End If
    End If
End Sub

```

```

        End With
        MsgBox "DATA PEMASOK TELAH DIUBAH", vbOKOnly +
vbInformation, "INFO"
    End If

    Rs_Pemasok.Requery
    Call FormNormal
    Call FormMati
    Call TampilGridPemasok
End If
End Sub

Private Sub TbHapus_Click()
    Tanya = MsgBox("YAKIN AKAN MENGHAPUS DATA INI?" & vbCrLf & ""
-
        & "KODE : " & txtKode + vbCrLf & "" _
        & "NAMA : " & txtNama.Text + vbCrLf & "", _
        vbYesNo + vbQuestion, "Awass")
    If Tanya = vbYes Then
        SQL = "DELETE FROM Pemasok WHERE " _
        & " Kode_Pemasok=" & txtKode.Text & ""

        KonekDb.Execute SQL, , adCmdText

        Rs_Pemasok.Requery
        Call FormNormal
        Call FormMati
        Call TampilGridPemasok
    Else
        Call FormNormal
    End If
End Sub

Private Sub TbKeluar_Click()
    If TbKeluar.Caption = "&Keluar" Then
        Unload Me
    Else
        Call FormNormal
    End If
End Sub

Private Sub TxtAlamat_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        TbSimpan.SetFocus
        KeyAscii = 0
    End If
End Sub

Private Sub txtKontakP_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then

```

```

        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

Private Sub txtKota_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

Private Sub txtNama_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

Private Sub txtPropinsi_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

Private Sub txtTelepon_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
    ElseIf Not (KeyAscii >= Asc("0") _
        And KeyAscii <= Asc("9") _
        Or KeyAscii = vbKeyBack) Then
        Beep
        KeyAscii = 0
    End If
End Sub

```

5. Data Grup Produk

```

Option Explicit
Dim GridBaris As Byte

Private Sub Form_Load()
    Call BukaDatabase
    Call TampilGridData
    Call FormMati

    TbHapus.Enabled = False
    TbSimpan.Enabled = False

```

```
End Sub
```

```
Sub FormKosong()  
    txtKode.Text = ""  
    txtNama.Text = ""  
End Sub
```

```
Sub FormHidup()  
    txtKode.Enabled = True  
    txtNama.Enabled = True  
  
    txtKode.BackColor = &HFFFFFF  
    txtNama.BackColor = &HFFFFFF  
End Sub
```

```
Sub FormMati()  
    txtKode.Enabled = False  
    txtNama.Enabled = False  
  
    txtKode.BackColor = &HC0FFFF  
    txtNama.BackColor = &HC0FFFF  
End Sub
```

```
Sub FormNormal()  
    Call FormKosong  
    Call FormMati  
  
    TbBaru.Enabled = True  
    TbHapus.Enabled = False  
    TbSimpan.Enabled = False  
    TbKeluar.Caption = "&Keluar"  
End Sub
```

```
Sub AktifGridGrup()  
    With GridGrup  
        .Cols = 3  
  
        .RowHeightMin = 300  
        .Col = 0  
        .Row = 0  
        .Text = "NO"  
        .CellFontBold = True  
        .ColWidth(0) = 400  
        .AllowUserResizing = flexResizeColumns  
        .CellAlignment = flexAlignCenterCenter  
  
        .RowHeightMin = 300  
        .Col = 1  
        .Row = 0  
        .Text = "KODE"
```

```

.CellFontBold = True
.ColWidth(1) = 800
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 2
.Row = 0
.Text = "NAMA GRUP"
.CellFontBold = True
.ColWidth(2) = 5700
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
End With
End Sub

Sub TampilGridData()
    Dim Baris As Integer
    GridGrup.Clear
    AktifGridGrup

    GridGrup.Rows = 2
    Baris = 0

    Set Rs_Grup = New ADODB.Recordset
    Rs_Grup.Open "SELECT * FROM Grup", _
        KonekDb, adOpenDynamic, adLockOptimistic

    If Rs_Grup.BOF Then
        MsgBox "DATA GRUP MASIH KOSONG!", _
            vbOKOnly + vbInformation, "Perhatian"
        Exit Sub
    Else
        With Rs_Grup
            .MoveFirst
            Do While Not .EOF
                On Error Resume Next
                Baris = Baris + 1
                GridGrup.Rows = Baris + 1
                GridGrup.TextMatrix(Baris, 0) = Baris
                GridGrup.TextMatrix(Baris, 1) = !Kode_Grup
                GridGrup.TextMatrix(Baris, 2) = !Nama_Grup
            .MoveNext
        Loop
    End With
End If
End Sub

Private Sub GridGrup_DblClick()
    TbHapus.Enabled = True
    TbSimpan.Enabled = True

```

```

TbKeluar.Caption = "&Normal"
TbBaru.Enabled = False
txtKode.Locked = True

Call FormHidup
txtNama.SetFocus

GridBaris = GridGrup.Row

SQL = " SELECT * FROM Grup " _
    & " WHERE Kode_Grup=" & _
    & GridGrup.TextMatrix(GridBaris, 1) & " "
Set Rs_Grup = New ADODB.Recordset
Set Rs_Grup = KonekDb.Execute(SQL, , adCmdText)

If Rs_Grup.BOF Then
    MsgBox "TABEL MASIH KOSONG", _
        vbOKOnly + vbInformation, "Perhatian"
    Exit Sub
    Call FormNormal
Else
    Rs_Grup.MoveFirst
    Do While Not Rs_Grup.EOF
        On Error Resume Next
        txtKode.Text = Rs_Grup!Kode_Grup
        txtNama.Text = Rs_Grup!Nama_Grup
        Rs_Grup.MoveNext
    Loop
End If
End Sub

Private Sub TbBaru_Click()
    Call FormHidup

    TbSimpan.Enabled = True
    TbBaru.Enabled = False
    TbHapus.Enabled = False
    TbKeluar.Caption = "&Normal"
    txtKode.Locked = False
    txtKode.SetFocus

    Call TampilGridData
End Sub

Private Sub TbSimpan_Click()
    If Not Len(txtKode.Text) = 3 Then
        MsgBox "KODE GRUP HARUS 3 DIGIT", vbOKOnly + vbCritical, "Error"
        txtNama.SetFocus
    ElseIf txtNama.Text = "" Then
        MsgBox "NAMA GRUP BELUM DIISI", vbOKOnly + vbCritical, "Error"
    End If
End Sub

```

```

txtNama.SetFocus
Else
    SQL = ""
    SQL = "SELECT * FROM Grup WHERE Kode_Grup = " & txtKode.Text & ""
    ""
    Set Rs_Grup = New ADODB.Recordset
    Rs_Grup.Open SQL, KonekDb, adOpenDynamic, adLockOptimistic

    If Rs_Grup.EOF Then
        With Rs_Grup
            .AddNew
            .Fields!Kode_Grup = Trim(txtKode.Text)
            .Fields!Nama_Grup = Trim(txtNama.Text)
            .Update
        End With
        MsgBox "DATA BARU TELAH TERSIMPAN", vbOKOnly + vbInformation, "Info"
    Else
        Tanya = MsgBox("AKAN MERUBAH DATA GRUP? DARI : " & vbCrLf & "" _
            & "Grup Lama : " & Rs_Grup.Fields!Nama_Grup + vbCrLf & "" _
            & "Grup Baru : " & txtNama.Text + vbCrLf & "", _
            vbYesNo + vbQuestion, "Awass")
        If Tanya = vbYes Then
            With Rs_Grup
                .Fields!Nama_Grup = Trim(txtNama.Text)
                .Update
            End With
        End If
    End If

    Rs_Grup.Requery
    Call FormNormal
    Call FormMati
    Call TampilGridData
End If
End Sub

Private Sub TbHapus_Click()
    Tanya = MsgBox("YAKIN AKAN MENGHAPUS DATA INI?" & vbCrLf & "" _
        & "KODE : " & txtKode + vbCrLf & "" _
        & "NAMA : " & txtNama.Text + vbCrLf & "", _
        vbYesNo + vbQuestion, "Awass")
    If Tanya = vbYes Then
        SQL = "DELETE FROM Grup WHERE " _
            & " Kode_Grup=" & txtKode.Text & ""
        KonekDb.Execute SQL, , adCmdText
        Rs_Grup.Requery
        Call FormNormal
    End If
End Sub

```



```

        Call FormMati
        Call TampilGridData
    Else
        Call FormNormal
    End If
End Sub

Private Sub TbKeluar_Click()
    If TbKeluar.Caption = "&Keluar" Then
        Unload Me
    Else
        FormNormal
    End If
End Sub

Private Sub txtKode_KeyPress(KeyAscii As Integer)
    KeyAscii = Asc(UCase((Chr(KeyAscii))))
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

Private Sub txtNama_KeyPress(KeyAscii As Integer)
    KeyAscii = Asc(UCase((Chr(KeyAscii))))
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

```

6. Data Produk Barang

```

Option Explicit
Dim GridBaris As Byte

Private Sub Form_Load()
    Call BukaDatabase
    Call FormMati
    Call DataGrup
    Call TampilGridData

    TbHapus.Enabled = False
    TbSimpan.Enabled = False
    txtKode.Locked = True
End Sub

Sub FormKosong()
    txtKode.Text = ""

```

```

CmbGrup.Text = ""
txtNmGrup.Text = ""
txtNama.Text = ""
End Sub

Sub FormHidup()
    txtKode.Enabled = True
    CmbGrup.Enabled = True
    txtNmGrup.Enabled = True
    txtNama.Enabled = True

    CmbGrup.BackColor = &HFFFFFF
    txtNama.BackColor = &HFFFFFF
End Sub

Sub FormMati()
    txtKode.Enabled = False
    CmbGrup.Enabled = False
    txtNmGrup.Enabled = False
    txtNama.Enabled = False

    CmbGrup.BackColor = &HC0FFFF
    txtNama.BackColor = &HC0FFFF
End Sub

Sub FormNormal()
    Call FormKosong
    Call FormMati

    TbBaru.Enabled = True
    TbHapus.Enabled = False
    TbSimpan.Enabled = False
    TbKeluar.Caption = "&Keluar"
End Sub

Sub BuatKode()
    Dim Kd As String
    Dim KdGrup As String
    Dim KodeBaru As String

    KdGrup = Left(CmbGrup.Text, 3)
    SQL = "SELECT * FROM Produk WHERE Kode_Grup='" & KdGrup & "'"
    Set Rs_Produk = New ADODB.Recordset
    Rs_Produk.Open SQL, KonekDb, _
        adOpenDynamic, adLockBatchOptimistic
    Rs_Produk.Requery

    With Rs_Produk
        If .BOF Then
            txtKode.Text = KdGrup & ".001"
        End If
    End With
End Sub

```

```
Exit Sub
Else
.MoveLast
Kd = !Kode_Produk
Kd = Val(Right(Kd, 3))
Kd = Kd + 1
End If
KodeBaru = KdGrup & "." & Format(Kd, "000")
End With
txtKode.Enabled = True
txtKode.Text = KodeBaru
End Sub
```

```
Sub AktifGridProduk()
With GridProduk
.Cols = 3
.RowHeightMin = 300

.Col = 0
.Row = 0
.Text = "NO"
.CellFontBold = True
.ColWidth(0) = 400
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 1
.Row = 0
.Text = "KODE"
.CellFontBold = True
.ColWidth(1) = 800
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 2
.Row = 0
.Text = "NAMA PRODUK"
.CellFontBold = True
.ColWidth(2) = 5700
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
End With
End Sub
```

```
Sub TampilGridData()
Dim Baris As Integer
GridProduk.Clear
Call AktifGridProduk

GridProduk.Rows = 2
```

```

Baris = 0

If Rs_Produk.EOF Then
    MsgBox "DATA PRODUK MASIH KOSONG!", _
        vbOKOnly + vbInformation, "Perhatian"
    Exit Sub
Else
    With Rs_Produk
        .MoveFirst
        Do While Not .EOF
            On Error Resume Next
            Baris = Baris + 1
            GridProduk.Rows = Baris + 1
            GridProduk.TextMatrix(Baris, 0) = Baris
            GridProduk.TextMatrix(Baris, 1) = !Kode_Produk
            GridProduk.TextMatrix(Baris, 2) = !Nama_Produk
        .MoveNext
    Loop
    End With
End If
End Sub

Sub DataGrup()
    SQL = "SELECT * FROM Grup"
    Set Rs_Grup = New ADODB.Recordset
    Rs_Grup.Open SQL, KonekDb, _
        adOpenDynamic, adLockBatchOptimistic
    Rs_Grup.Requery
    With Rs_Grup
        If .EOF And .BOF Then
            MsgBox "DATA GRUP TIDAK ASDA", vbOKOnly + vbCritical, "Error"
        Else
            CmbGrup.Clear
            Do Until .EOF
                CmbGrup.AddItem ![Kode_Grup] + " | " + ![Nama_Grup]
                .MoveNext
            Loop
            .MoveFirst
        End If
    End With
End Sub

Private Sub cmbGrup_Click()
    Dim CmbTerpilih As String
    Dim PanjangKanan As Integer

    Call FormHidup

    CmbTerpilih = CmbGrup.Text
    PanjangKanan = Len(CmbGrup.Text) - 5

```

```
CmbGrup.Text = Left(CmbGrup.Text, 3)
txtNmGrup.Text = Right(CmbTerpilih, PanjangKanan)
```

```
txtNama.SetFocus
```

```
'Ciptakan Kode Otomatis
Call BuatKode
```

```
' TAMPIL DATA PRODUK PER GRUP UNTUK GRID
Set Rs_Produk = New ADODB.Recordset
Rs_Produk.Open "SELECT * FROM Produk " _
    & "WHERE Kode_Grup=" & CmbGrup.Text & "", _
    KonekDb, adOpenDynamic, adLockOptimistic
Call TampilGridData
End Sub
```

```
Private Sub GridProduk_DblClick()
    TbHapus.Enabled = True
    TbSimpan.Enabled = True
    TbKeluar.Caption = "&Normal"
    TbBaru.Enabled = False
```

```
Call FormHidup
txtNama.SetFocus
```

```
GridBaris = GridProduk.Row
```

```
SQL = " SELECT Produk.*, Grup>Nama_Grup " _
    & " FROM Produk, Grup " _
    & " WHERE Grup.Kode_Grup=Produk.Kode_Grup " _
    & " AND Kode_Produk=" & _
    & GridProduk.TextMatrix(GridBaris, 1) & " "
Set Rs_Produk = New ADODB.Recordset
Set Rs_Produk = KonekDb.Execute(SQL, , adCmdText)
```

```
If Rs_Produk.BOF Then
    MsgBox "TABEL MASIH KOSONG", _
        vbOKOnly + vbInformation, "Perhatian"
    Exit Sub
    Call FormNormal
```

```
Else
    Rs_Produk.MoveFirst
    Do While Not Rs_Produk.EOF
        On Error Resume Next
        txtKode.Text = Rs_Produk!Kode_Produk
        CmbGrup.Text = Rs_Produk!Kode_Grup
        txtNmGrup.Text = Rs_Produk!Nama_Grup
        txtNama.Text = Rs_Produk!Nama_Produk
        Rs_Produk.MoveNext
```

```

        Loop
    End If
End Sub

Private Sub TbBaru_Click()
    Call FormHidup

    TbSimpan.Enabled = True
    TbBaru.Enabled = False
    TbHapus.Enabled = False
    TbKeluar.Caption = "&Normal"
    CmbGrup.SetFocus

    Call TampilGridData
End Sub

Private Sub TbSimpan_Click()
    If CmbGrup.Text = "" Then
        MsgBox "DATA GRUP BELUM DIPILIH", vbOKOnly + vbCritical,
        "Perhatian"
        CmbGrup.SetFocus
    ElseIf txtNama.Text = "" Then
        MsgBox "NAMA PRODUK BELUM DIISI", vbOKOnly + vbCritical,
        "Perhatian"
        txtNama.SetFocus
    Else
        SQL = ""
        SQL = "SELECT * FROM Produk WHERE Kode_Produk = " & txtKode.Text
        & ""
        Set Rs_Produk = New ADODB.Recordset
        Rs_Produk.Open SQL, KonekDb, adOpenDynamic, adLockOptimistic

        If Rs_Produk.BOF Then
            With Rs_Produk
                .AddNew
                .Fields!Kode_Produk = Trim(txtKode.Text)
                .Fields!Kode_Grup = Trim(CmbGrup.Text)
                .Fields!Nama_Produk = Trim(txtNama.Text)
                .Update
            End With
            MsgBox "DATA BARU TELAH TERSIMPAN", vbOKOnly +
vbInformation, "Konfirmasi"
        Else
            With Rs_Produk
                .Fields!Kode_Grup = Trim(CmbGrup.Text)
                .Fields!Nama_Produk = Trim(txtNama.Text)
                .Update
            End With
            MsgBox "DATA Produk TELAH DIUBAH", vbOKOnly + vbInformation,
            "Konfirmasi"
        End If
    End If
End Sub

```

```

End If

Rs_Produk.Requery
txtNama.Text = ""
txtNama.SetFocus
'BUAT KODE BARU
Call BuatKode

' TAMPIL DATA PRODUK PER GRUP UNTUK GRID
Set Rs_Produk = New ADODB.Recordset
Rs_Produk.Open "SELECT * FROM Produk " _
    & "WHERE Kode_Grup=" & CmbGrup.Text & "", _
    KonekDb, adOpenDynamic, adLockOptimistic
Call TampilGridData
End If
End Sub

Private Sub TbHapus_Click()
    Tanya = MsgBox("YAKIN AKAN MENGHAPUS DATA INI?" & vbCrLf & ""
    -
        & "KODE : " & txtKode & vbCrLf & "" _
        & "NAMA : " & txtNama.Text & vbCrLf & "", _
        vbYesNo + vbQuestion, "Awass")
    If Tanya = vbYes Then
        SQL = "DELETE FROM Produk WHERE " _
            & " Kode_Produk=" & txtKode.Text & ""
        KonekDb.Execute SQL, , adCmdText
        Rs_Produk.Requery
        Call FormNormal
        Call FormMati
        Call Form_Load
    Else
        Call FormNormal
    End If
End Sub

Private Sub TbKeluar_Click()
    If TbKeluar.Caption = "&Keluar" Then
        Unload Me
    Else
        Call FormNormal
        Call Form_Load
    End If
End Sub

Private Sub CmbGrup_KeyPress(KeyAscii As MSForms.ReturnInteger)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If

```

```

End Sub

Private Sub txtNmGrup_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

Private Sub txtNama_KeyPress(KeyAscii As Integer)
    KeyAscii = Asc(UCase((Chr(KeyAscii))))
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

```

7. Data Barang

```

Option Explicit
Dim GridBaris As Byte

Private Sub Form_Load()
    Call BukaDatabase
    Call FormMati
    Call DataGrup
    Call TampilGridData

    TbHapus.Enabled = False
    TbSimpan.Enabled = False
    txtKode.Locked = True

    cmbSatuan.AddItem ("Batang")
    cmbSatuan.AddItem ("Biji")
    cmbSatuan.AddItem ("Botol")
    cmbSatuan.AddItem ("Bungkus")
    cmbSatuan.AddItem ("Kardus")
    cmbSatuan.AddItem ("Karton")
    cmbSatuan.AddItem ("Lembar")
    cmbSatuan.AddItem ("Saset")
    cmbSatuan.AddItem ("Potong")
    cmbSatuan.AddItem ("Paket")
    cmbSatuan.AddItem ("Tablet")
End Sub

Sub FormKosong()
    txtKode.Text = ""
    CmbGrup.Text = ""

```



```

txtNmGrup.Text = ""
cmbProduk.Text = ""
txtNmProduk.Text = ""
txtNama.Text = ""
cmbSatuan.Text = ""
TxtHBeli.Text = ""
txtHJual.Text = ""
txtStok.Text = ""
End Sub

Sub FormHidup()
    txtKode.Enabled = True
    CmbGrup.Enabled = True
    txtNmGrup.Enabled = True
    cmbProduk.Enabled = True
    txtNmProduk.Enabled = True
    txtNama.Enabled = True
    cmbSatuan.Enabled = True
    TxtHBeli.Enabled = True
    txtHJual.Enabled = True
    txtStok.Enabled = True

    CmbGrup.BackColor = &HFFFFFF
    cmbProduk.BackColor = &HFFFFFF
    txtNama.BackColor = &HFFFFFF
    cmbSatuan.BackColor = &HFFFFFF
    TxtHBeli.BackColor = &HFFFFFF
    txtHJual.BackColor = &HFFFFFF
    txtStok.BackColor = &HFFFFFF
End Sub

Sub FormMati()
    txtKode.Enabled = False
    CmbGrup.Enabled = False
    txtNmGrup.Enabled = False
    cmbProduk.Enabled = False
    txtNmProduk.Enabled = False
    txtNama.Enabled = False
    cmbSatuan.Enabled = False
    TxtHBeli.Enabled = False
    txtHJual.Enabled = False
    txtStok.Enabled = False

    CmbGrup.BackColor = &HC0FFFF
    cmbProduk.BackColor = &HC0FFFF
    txtNama.BackColor = &HC0FFFF
    cmbSatuan.BackColor = &HC0FFFF
    TxtHBeli.BackColor = &HC0FFFF
    txtHJual.BackColor = &HC0FFFF
    txtStok.BackColor = &HC0FFFF
End Sub

```

```
End Sub
```

```
Sub FormNormal()
```

```
    Call FormKosong
```

```
    Call FormMati
```

```
    TbBaru.Enabled = True
```

```
    TbHapus.Enabled = False
```

```
    TbSimpan.Enabled = False
```

```
    TbKeluar.Caption = "&Keluar"
```

```
End Sub
```

```
Sub BuatKode()
```

```
    Dim Kd As String
```

```
    Dim KdProduk As String
```

```
    Dim KodeBaru As String
```

```
    KdProduk = Left(cmbProduk.Text, 7)
```

```
    SQL = "SELECT * FROM Barang WHERE Kode_Produk='" & KdProduk & "'"
```

```
    Set Rs_Barang = New ADODB.Recordset
```

```
    Rs_Barang.Open SQL, KonekDb, _  
        adOpenDynamic, adLockBatchOptimistic
```

```
    Rs_Barang.Requery
```

```
    With Rs_Barang
```

```
        If .BOF Then
```

```
            txtKode.Text = KdProduk & ".001"
```

```
            Exit Sub
```

```
        Else
```

```
            .MoveLast
```

```
            Kd = !Kode_Barang
```

```
            Kd = Val(Right(Kd, 3))
```

```
            Kd = Kd + 1
```

```
        End If
```

```
        KodeBaru = KdProduk & "." & Format(Kd, "000")
```

```
    End With
```

```
    txtKode.Enabled = True
```

```
    txtKode.Text = KodeBaru
```

```
End Sub
```

```
Sub AktifGridBarang()
```

```
    With GridBarang
```

```
        .Cols = 8
```

```
        .RowHeightMin = 300
```

```
        .Col = 0
```

```
        .Row = 0
```

```
        .Text = "NO"
```

```
        .CellFontBold = True
```

```
        .ColWidth(0) = 400
```

```
.AllowUserResizing = flexResizeColumns  
.CellAlignment = flexAlignCenterCenter
```

```
.RowHeightMin = 300  
.Col = 1  
.Row = 0  
.Text = "KODE"  
.CellFontBold = True  
.ColWidth(1) = 1100  
.AllowUserResizing = flexResizeColumns  
.CellAlignment = flexAlignCenterCenter
```

```
.Col = 2  
.Row = 0  
.Text = "PRODUK"  
.CellFontBold = True  
.ColWidth(2) = 1900  
.AllowUserResizing = flexResizeColumns  
.CellAlignment = flexAlignCenterCenter
```

```
.Col = 3  
.Row = 0  
.Text = "NAMA BARANG"  
.CellFontBold = True  
.ColWidth(3) = 3300  
.AllowUserResizing = flexResizeColumns  
.CellAlignment = flexAlignCenterCenter
```

```
.Col = 4  
.Row = 0  
.Text = "SATUAN"  
.CellFontBold = True  
.ColWidth(4) = 900  
.AllowUserResizing = flexResizeColumns  
.CellAlignment = flexAlignCenterCenter
```

```
.Col = 5  
.Row = 0  
.Text = "H BELI[Rp.]"  
.CellFontBold = True  
.ColWidth(5) = 1500  
.AllowUserResizing = flexResizeColumns  
.CellAlignment = flexAlignCenterCenter
```

```
.Col = 6  
.Row = 0  
.Text = "H JUAL[Rp.]"  
.CellFontBold = True  
.ColWidth(6) = 1500  
.AllowUserResizing = flexResizeColumns
```

```

.CellAlignment = flexAlignCenterCenter

.Col = 7
.Row = 0
.Text = "STOK"
.CellFontBold = True
.ColWidth(7) = 700
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
End With
End Sub

Sub TampilGridData()
    Dim Baris As Integer
    GridBarang.Clear
    AktifGridBarang

    GridBarang.Rows = 2
    Baris = 0

    If Rs_Barang.BOF Then
        MsgBox "DATA BARANG UNTUK PRODUK INI MASIH KOSONG", _
            vbOKOnly + vbInformation, "Perhatian"
        Exit Sub
    Else
        With Rs_Barang
            .MoveFirst
            Do While Not .EOF
                On Error Resume Next
                Baris = Baris + 1
                GridBarang.Rows = Baris + 1
                GridBarang.TextMatrix(Baris, 0) = Baris
                GridBarang.TextMatrix(Baris, 1) = !Kode_Barang
                GridBarang.TextMatrix(Baris, 2) = !Nama_Produk
                GridBarang.TextMatrix(Baris, 3) = !Nama_Barang
                GridBarang.TextMatrix(Baris, 4) = !Satuan
                GridBarang.TextMatrix(Baris, 5) = !Harga_Beli
                GridBarang.TextMatrix(Baris, 6) = !Harga_jual
                GridBarang.TextMatrix(Baris, 7) = !Stok
            .MoveNext
        Loop
    End With
End If
End Sub

Sub DataGrup()
    SQL = "SELECT * FROM Grup"
    Set Rs_Grup = New ADODB.Recordset
    Rs_Grup.Open SQL, KonekDb, _
        adOpenDynamic, adLockBatchOptimistic

```

```

Rs_Grup.Requery
With Rs_Grup
If .EOF And .BOF Then
    MsgBox "DATA GRUP TIDAK ADA", vbOKOnly + vbCritical, "Error"
Else
    CmbGrup.Clear
    Do Until .EOF
        CmbGrup.AddItem ![Kode_Grup] + " | " + ![Nama_Grup]
        .MoveNext
    Loop
    .MoveFirst
End If
End With
End Sub

Sub DataProduk()
    SQL = "SELECT * FROM Produk WHERE Kode_Grup=" & CmbGrup.Text &
    ""
    Set Rs_Produk = New ADODB.Recordset
    Rs_Produk.Open SQL, KonekDb, _
        adOpenDynamic, adLockBatchOptimistic
    Rs_Produk.Requery
    With Rs_Produk
    If .EOF And .BOF Then
        Tanya = MsgBox("DATA PRODUK KOSONG, INGIN MENAMBAH?", _
            vbYesNo + vbQuestion, "Informasi")
        If Tanya = vbYes Then
            With frmProduk
                .CmbGrup.Text = CmbGrup.Text
                .txtNmGrup.Text = txtNmGrup.Text
                Call .BuatKode
                .Show 1
            End With
        Else
            Exit Sub
        End If
    Else
        cmbProduk.Clear
        Do Until .EOF
            cmbProduk.AddItem ![Kode_Produk] + " | " + ![Nama_Produk]
            .MoveNext
        Loop
        .MoveFirst
    End If
    End With
End Sub

Private Sub cmbGrup_Click()
    Dim CmbTerpilih As String
    Dim PanjangKanan As Integer

```

Call FormHidup

CmbTerpilih = CmbGrup.Text
PanjangKanan = Len(CmbGrup.Text) - 5

CmbGrup.Text = Left(CmbGrup.Text, 3)
txtNmGrup.Text = Right(CmbTerpilih, PanjangKanan)

cmbProduk.Text = ""
txtNmProduk.Text = ""
cmbProduk.SetFocus

' PANGGIL TAMPIL DATA PRODUK
Call DataProduk

' DATA BARANG PER GRUP UNTUK GRID
SQL = ""
SQL = "SELECT Barang.*, Produk.Nama_Produk " _
 & " FROM Grup, Barang, Produk " _
 & " WHERE Grup.Kode_Grup=Produk.Kode_Grup " _
 & " AND Produk.Kode_Produk=Barang.Kode_Produk " _
 & " AND Grup.Kode_Grup ='" & CmbGrup.Text & "'" _
Set Rs_Barang = New ADODB.Recordset
Rs_Barang.Open SQL, KonekDb
Call TampilGridData
End Sub

Private Sub cmbProduk_Click()
 Dim CmbTerpilih As String
 Dim PanjangKanan As Integer

Call FormHidup

CmbTerpilih = cmbProduk.Text
PanjangKanan = Len(cmbProduk.Text) - 9

cmbProduk.Text = Left(cmbProduk.Text, 7)
txtNmProduk.Text = Right(CmbTerpilih, PanjangKanan)
txtNama.SetFocus
'Ciptakan Kode Otomatis
Call BuatKode

' DATA BARANG PER PRODUK UNTUK GRID
SQL = ""
SQL = "SELECT Barang.*, Produk.Nama_Produk " _
 & " FROM Barang, Produk " _
 & " WHERE Produk.Kode_Produk=Barang.Kode_Produk " _
 & " AND Produk.Kode_Produk ='" & cmbProduk.Text & "'" _
Set Rs_Barang = New ADODB.Recordset

```

Rs_Barang.Open SQL, KonekDb
Call TampilGridData
End Sub

Private Sub txtCari_Change()
    Set Rs_Barang = New ADODB.Recordset
    Rs_Barang.Open "SELECT Barang.*, Produk.* " _
        & " FROM Barang, Produk " _
        & " WHERE Produk.Kode_Produk=Barang.Kode_Produk " _
        & " AND Barang>Nama_Barang LIKE '%" & txtCari.Text & "%'" _
        & " ORDER BY Barang.Kode_Barang ", _
        KonekDb, adOpenDynamic, adLockBatchOptimistic

    If Rs_Barang.BOF Then
        MsgBox "TIDAK MENEMUKAN DATA YANG DICARI " _
            & " - " & txtCari.Text & " - DALAM KOLEKSI ", _
            vbInformation, "Informasi"

        txtCari.Text = ""
        txtCari.SetFocus
    Else
        Call TampilGridData
    End If
End Sub

Private Sub TbBaru_Click()
    Call FormHidup
    Call TampilGridData

    TbSimpan.Enabled = True
    TbBaru.Enabled = False
    TbHapus.Enabled = False
    TbKeluar.Caption = "&Normal"
    CmbGrup.SetFocus
End Sub

Private Sub GridBarang_DblClick()
    TbHapus.Enabled = True
    TbSimpan.Enabled = True
    TbKeluar.Caption = "&Normal"
    TbBaru.Enabled = False

    Call FormHidup
    cmbProduk.SetFocus

    GridBaris = GridBarang.Row

    Set Rs_Barang = New ADODB.Recordset
    Rs_Barang.Open "SELECT Barang.*, Produk>Nama_Produk, Grup.* " _
        & " FROM Barang, Produk, Grup " _

```

```

& " WHERE Produk.Kode_Produk=Barang.Kode_Produk " _
& " AND Grup.Kode_Grup=Produk.Kode_Grup " _
& " AND Kode_Barang=" & "" _
& GridBarang.TextMatrix(GridBaris, 1) & "" ", _
KonekDb, adOpenDynamic, adLockBatchOptimistic

```

```

If Rs_Barang.EOF Then

```

```

    MsgBox "TABEL MASIH KOSONG", _
    vbOKOnly + vbInformation, "Error"
    Exit Sub
    Call FormNormal

```

```

Else

```

```

    Rs_Barang.MoveFirst
    Do While Not Rs_Barang.EOF
        On Error Resume Next
        txtKode.Text = Rs_Barang!Kode_Barang
        CmbGrup.Text = Rs_Barang!Kode_Grup
        txtNmGrup.Text = Rs_Barang!Nama_Grup
        cmbProduk.Text = Rs_Barang!Kode_Produk
        txtNmProduk.Text = Rs_Barang!Nama_Produk
        txtNama.Text = Rs_Barang!Nama_Barang
        cmbSatuan.Text = Rs_Barang!Satuan
        TxtHBeli.Text = Rs_Barang!Harga_Beli
        txtHJual.Text = Rs_Barang!Harga_jual
        txtStok.Text = Rs_Barang!Stok
        Rs_Barang.MoveNext
    Loop

```

```

End If

```

```

End Sub

```

```

Private Sub TbSimpan_Click()

```

```

    If cmbProduk.ListIndex = -1 Then
        MsgBox "Produk HARUS DIPILIH", _
        vbInformation + vbOKOnly, "Error"
        cmbProduk.SetFocus
    ElseIf txtNama.Text = "" Then

```

```

        MsgBox "NAMA MASIH KOSONG", _
        vbInformation + vbOKOnly, "Error"
        txtNama.SetFocus
    ElseIf cmbSatuan.Text = "" Then

```

```

        MsgBox "SATUAN MASIH KOSONG", _
        vbInformation + vbOKOnly, "Error"
        cmbSatuan.SetFocus
    Else

```

```

        SQL = ""

```

```

        SQL = "SELECT * FROM Barang WHERE Kode_Barang = " & txtKode.Text
        & ""

```

```

        Set Rs_Barang = New ADODB.Recordset

```

```

        Rs_Barang.Open SQL, KonekDb, adOpenDynamic, adLockOptimistic

```



```

If Rs_Barang.BOF Then
    With Rs_Barang
        .AddNew
        .Fields!Kode_Barang = Trim(txtKode.Text)
        .Fields!Kode_Produk = Trim(cmbProduk.Text)
        .Fields!Nama_Barang = Trim(txtNama.Text)
        .Fields!Satuan = Trim(cmbSatuan.Text)
        .Fields!Harga_Beli = Val(TxtHBeli.Text)
        .Fields!Harga_jual = Val(txtHJual.Text)
        .Fields!Stok = Val(txtStok.Text)
        .Update
    End With
    MsgBox "DATA BARU TELAH TERSIMPAN", vbOKOnly +
vbInformation, "Konfirmasi"
Else
    With Rs_Barang
        .Fields!Kode_Produk = Trim(cmbProduk.Text)
        .Fields!Nama_Barang = Trim(txtNama.Text)
        .Fields!Satuan = Trim(cmbSatuan.Text)
        .Fields!Harga_Beli = Val(TxtHBeli.Text)
        .Fields!Harga_jual = Val(txtHJual.Text)
        .Fields!Stok = Val(txtStok.Text)
        .Update
    End With
    MsgBox "DATA BARANG TELAH DIUBAH", vbOKOnly +
vbInformation, "Konfirmasi"
End If

Rs_Barang.Requery
txtNama.Text = ""
cmbSatuan.Text = ""
TxtHBeli.Text = ""
txtHJual.Text = ""
txtStok.Text = ""
txtNama.SetFocus

'BUTA KODE OTOMATIS
Call BuatKode

' TAMPIL DATA PRODUK PER PRODUK UNTUK GRID
SQL = ""
SQL = "SELECT Barang.*, Produk.Nama_Produk " _
& " FROM Barang, Produk " _
& " WHERE Produk.Kode_Produk=Barang.Kode_Produk " _
& " AND Produk.Kode_Produk='" & cmbProduk.Text & "'"
Set Rs_Barang = New ADODB.Recordset
Rs_Barang.Open SQL, KonekDb
Call TampilGridData
End If
End Sub

```

```

Private Sub TbHapus_Click()
    Tanya = MsgBox("YAKIN AKAN MENGHAPUS DATA INI?" & vbCrLf & ""
    -
        & "KODE : " & txtKode & vbCrLf & "" _
        & "NAMA : " & txtNama.Text & vbCrLf & "", _
        vbYesNo + vbQuestion, "Awass")
    If Tanya = vbYes Then
        SQL = "DELETE FROM Barang WHERE " _
        & " Kode_Barang=" & txtKode.Text & ""

        KonekDb.Execute SQL, , adCmdText
        Rs_Barang.Requery
        Call FormNormal
        Call Form_Load

    Else
        Call FormNormal
    End If
End Sub

Private Sub TbKeluar_Click()
    If TbKeluar.Caption = "&Keluar" Then
        Unload Me
    Else
        Call FormNormal
        Call Form_Load
    End If
End Sub

Private Sub cmbSatuan_KeyPress(KeyAscii As MSForms.ReturnInteger)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
    End If
End Sub

Private Sub TxtHBeli_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
    ElseIf Not (KeyAscii >= Asc("0") _
        And KeyAscii <= Asc("9") _
        Or KeyAscii = vbKeyBack) Then
        Beep
        KeyAscii = 0
    End If
End Sub

Private Sub txtHJual_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then

```

```

        SendKeys "{tab}"
    ElseIf Not (KeyAscii >= Asc("0") _
    And KeyAscii <= Asc("9") _
    Or KeyAscii = vbKeyBack) Then
        Beep
        KeyAscii = 0
    End If
End Sub

Private Sub txtStok_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
    ElseIf Not (KeyAscii >= Asc("0") _
    And KeyAscii <= Asc("9") _
    Or KeyAscii = vbKeyBack) Then
        Beep
        KeyAscii = 0
    End If
End Sub

Private Sub txtNama_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

```

8. Transaksi Pembelian

```

Option Explicit
Dim Baris As Integer
Dim KodeBarang As String
Dim i As Integer

Private Sub Form_Load()
    Call BukaDatabase
    Call FormMati
    Call DataPemasok

    TbSimpan.Enabled = False
    TbCari.Enabled = False
    TbMasuk.Enabled = False
    TxtNoMasuk.Locked = True
End Sub

Sub FormKosong()
    TxtNoMasuk.Text = ""
    TxtTgl.Text = "__/__/____"
    cmbPemasok.Text = ""

```

```
txtNmPemasok.Text = ""  
txtAlamat.Text = ""  
txtKodeG.Text = ""  
txtKode.Text = "____.____"  
txtNama.Text = ""  
TxtHBeli.Text = "0"  
TxtJumlah.Text = ""  
TxtTotal.Text = "0"  
TxtTotalHarga.Text = "0"
```

```
Baris = 1  
GridMasuk.Clear  
GridMasuk.Rows = 2  
Call AktifGridMasuk  
End Sub
```

```
Sub FormMati()  
    TxtNoMasuk.Enabled = False  
    TxtTgl.Enabled = False  
    cmbPemasok.Enabled = False  
    txtNmPemasok.Enabled = False  
    txtAlamat.Enabled = False  
    txtKodeG.Enabled = False  
    txtKode.Enabled = False  
    txtNama.Enabled = False  
    TxtHBeli.Enabled = False  
    TxtJumlah.Enabled = False  
    TxtTotal.Enabled = False  
    TxtTotalHarga.Enabled = False  
End Sub
```

```
Sub FormHidup()  
    TxtNoMasuk.Enabled = True  
    TxtTgl.Enabled = True  
    cmbPemasok.Enabled = True  
    txtNmPemasok.Enabled = True  
    txtAlamat.Enabled = True  
    txtKodeG.Enabled = True  
    txtKode.Enabled = True  
    txtNama.Enabled = True  
    TxtHBeli.Enabled = True  
    TxtJumlah.Enabled = True  
    TxtTotal.Enabled = True  
    TxtTotalHarga.Enabled = True  
End Sub
```

```
Sub FormNormal()  
    Call FormMati  
    Call FormKosong
```

```

TbKeluar.Caption = "&Keluar"
TbSimpan.Enabled = False
TbBaru.Enabled = True
TbCari.Enabled = False
TbMasuk.Enabled = False
End Sub

Sub NomorMasuk()
    Dim Kd As String
    Dim KodeBaru As String

    SQL = "SELECT * FROM Pembelian"
    Set Rs_Data = New ADODB.Recordset
    Rs_Data.Open SQL, KonekDb, _
        adOpenDynamic, adLockBatchOptimistic
    Rs_Data.Requery

    With Rs_Data
        If .BOF Then
            TxtNoMasuk.Text = "BL-0000001"
            Exit Sub
        Else
            .MoveLast
            Kd = !No_Masuk
            Kd = Val(Right(Kd, 7))
            Kd = Kd + 1
        End If
        KodeBaru = "BL-" + Format(Kd, "0000000")
    End With
    TxtNoMasuk.Enabled = True
    TxtNoMasuk.Text = KodeBaru
End Sub

Sub AktifGridMasuk()
    With GridMasuk
        .Cols = 5
        .RowHeightMin = 300

        .Col = 0
        .Row = 0
        .Text = "KODE"
        .CellFontBold = True
        .ColWidth(0) = 1300
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter

        .Col = 1
        .Row = 0
        .Text = "NAMA BARANG"
        .CellFontBold = True
    End With
End Sub

```

```

.ColWidth(1) = 4000
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 2
.Row = 0
.Text = "HARGA (Rp)"
.CellFontBold = True
.ColWidth(2) = 1800
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 3
.Row = 0
.Text = "JUMLAH"
.CellFontBold = True
.ColWidth(3) = 1300
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 4
.Row = 0
.Text = "SUBTOTAL (Rp)"
.CellFontBold = True
.ColWidth(4) = 1800
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
End With
End Sub

Sub DataPemasok()
    SQL = "SELECT * FROM Pemasok"
    Set Rs_Pemasok = New ADODB.Recordset
    Rs_Pemasok.Open SQL, KonekDb, _
        adOpenDynamic, adLockBatchOptimistic
    Rs_Pemasok.Requery
    With Rs_Pemasok
        If .EOF And .BOF Then
            MsgBox "DATA PEMASOK TIDAK ADA", vbOKOnly + vbCritical, "Error"
        Else
            cmbPemasok.Clear
            Do Until .EOF
                cmbPemasok.AddItem ![Kode_Pemasok] + " | " + ![Nama_Pemasok]
                .MoveNext
            Loop
            .MoveFirst
        End If
    End With
End Sub

```

```

Private Sub cmbPemasok_Click()
    SQL = ""
    SQL = "SELECT * FROM Pemasok WHERE " _
        & " Kode_Pemasok =" & Left(cmbPemasok.Text, 5) & ""

    Set Rs_Pemasok = New ADODB.Recordset
    Rs_Pemasok.Open SQL, KonekDb, adOpenDynamic, adLockBatchOptimistic

    With Rs_Pemasok
        If .EOF And .BOF Then
            MsgBox "KODE PEMASOK TIDAK DITEMUKAN", _
                vbOKOnly + vbCritical, "Error"
        Exit Sub
        Else
            cmbPemasok.Text = !Kode_Pemasok
            txtNmPemasok.Text = !Nama_Pemasok
            txtAlamat.Text = !Alamat
        End If
    End With
End Sub

Private Sub TbBaru_Click()
    TxtTgl.Text = TglSkrng(Date)

    Call NomorMasuk
    Call FormHidup
    Call AktifGridMasuk

    TbBaru.Enabled = False
    TbCari.Enabled = True
    TbKeluar.Caption = "&Batal"
    TbSimpan.Enabled = True
    TbMasuk.Enabled = True
    cmbPemasok.SetFocus

    Baris = 1
End Sub

Private Sub TbCari_Click()
    FrmUtama.Enabled = False
    frmPembelian.Enabled = False
    frmCariBarang.Show 1
End Sub

Private Sub TbMasuk_Click()
    If cmbPemasok.Text = "" Then
        MsgBox "DATA PEMASOK BELUM DIPILIH", vbOKOnly + vbCritical,
            "Error"
        cmbPemasok.SetFocus
    ElseIf txtKodeG.Text = "" Then

```

```

    MsgBox "KODE IDENTITAS GRUP KOSONG", vbOKOnly + vbCritical,
    "Error"
    txtKodeG.SetFocus
    ElseIf txtKode.Text = "____.____" Then
        MsgBox "KODE BARANG BELUM LENGKAP", vbOKOnly + vbCritical,
        "Error"
        txtKode.SetFocus
    ElseIf TxtJumlah.Text = "" Or TxtJumlah.Text = "0" Then
        MsgBox "JUMLAH BARANG MASIH KOSONG", vbOKOnly + vbCritical,
        "Error"
        TxtJumlah.SetFocus
    Else
        KodeBarang = txtKodeG.Text & "." & txtKode.Text & ""

        GridMasuk.Rows = Baris + 1
        GridMasuk.TextMatrix(Baris, 0) = KodeBarang
        GridMasuk.TextMatrix(Baris, 1) = txtNama.Text
        GridMasuk.TextMatrix(Baris, 2) = TxtHBeli.Text
        GridMasuk.TextMatrix(Baris, 3) = TxtJumlah.Text
        GridMasuk.TextMatrix(Baris, 4) = TxtTotal.Text

        TxtTotalHarga.Text = Val(TxtTotalHarga.Text) + Val(TxtTotal.Text)
        Baris = Baris + 1

        txtKodeG.Text = ""
        txtKode.Text = "____.____"
        txtNama.Text = ""
        TxtHBeli.Text = "0"
        TxtJumlah.Text = ""
        TxtTotal.Text = ""
    End If
End Sub

Private Sub TbSimpan_Click()
    Dim i As Integer

    If cmbPemasok.Text = "" Then
        MsgBox "DATA PEMASOK BELUM DIPILIH", vbOKOnly + vbCritical,
        "Error"
        cmbPemasok.SetFocus
    ElseIf Baris = 1 Then
        MsgBox "BELUM ADA DATA BARANG YANG MASUK", vbOKOnly +
        vbCritical, "Error"
        TbCari.SetFocus
    Else
        SQL = ""
        SQL = "INSERT INTO Pembelian" _
            & "(No_Masuk,Tgl_Masuk,Kode_Pemasok>Total,UserID)" _
            & "VALUES (" & TxtNoMasuk.Text & ", " _
            & Format(Now, "yyyy-MM-dd") & ", " _

```



```

        & cmbPemasok.Text & "','" _
        & TxtTotalHarga.Text & "','" & UserId & "')"
KonekDb.Execute SQL, , adCmdText

For i = 1 To Baris - 1
    SQL = ""
    SQL = "INSERT INTO Pembelian_Detail" _
        & "(No_Masuk,Kode_Barang,Harga_Beli,Jumlah,SubTotal)" _
        & " VALUES ('" & TxtNoMasuk.Text & "','" _
        & GridMasuk.TextMatrix(i, 0) & "','" _
        & GridMasuk.TextMatrix(i, 2) & "','" _
        & GridMasuk.TextMatrix(i, 3) & "','" _
        & GridMasuk.TextMatrix(i, 4) & "')"
    KonekDb.Execute SQL, , adCmdText

    Dim StokBaru As Integer
    Dim Kode As String
    Dim HargaBeli As String
    StokBaru = Val(GridMasuk.TextMatrix(i, 3))
    Kode = GridMasuk.TextMatrix(i, 0)
    HargaBeli = GridMasuk.TextMatrix(i, 2)

    SQL = ""
    SQL = "UPDATE Barang SET " _
        & " Stok=Stok + " & StokBaru & "," _
        & " Harga_beli=" & HargaBeli & "" _
        & " WHERE Kode_Barang=" & Kode & ""
    KonekDb.Execute SQL, , adCmdText
Next i

MsgBox "DATA TRANSAKSI TELAH TERSIMPAN !", _
    vbOKOnly + vbInformation, "Info"
Call FormNormal
End If
End Sub

Private Sub TbKeluar_Click()
    If TbKeluar.Caption = "&Keluar" Then
        FrmUtama.Enabled = True
        Unload Me
    Else
        Call FormNormal
    End If
End Sub

Private Sub txtKodeG_KeyPress(KeyAscii As Integer)
    KeyAscii = Asc(UCase((Chr(KeyAscii))))
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

```

```

End If
End Sub

Private Sub txtKode_KeyPress(KeyAscii As Integer)
If KeyAscii = vbKeyReturn Then
    If Len(txtKodeG.Text) < 3 Then
        MsgBox "KODE GRUP HARUS 3 DIGIT", vbCritical, "Error"
        Exit Sub
    End If

    KeyAscii = 0
    KodeBarang = txtKodeG.Text & "." & txtKode.Text & ""

    Set Rs_Barang = New ADODB.Recordset
    Rs_Barang.Open "SELECT * FROM Barang " _
    & " WHERE Kode_Barang='" & KodeBarang & "' ", _
    KonekDb, adOpenDynamic, adLockBatchOptimistic

    If Rs_Barang.BOF Then
        MsgBox "KODE BARANG TIDAK DIKENALI ", _
        vbInformation, "Info"
    Else
        With Rs_Barang
            txtNama.Text = !Nama_Barang
        End With
    End If
End If
End Sub

Private Sub TxtHBeli_Change()
    TxtTotal.Text = Val(TxtJumlah.Text) * Val(TxtHBeli.Text)
End Sub

Private Sub TxtHBeli_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
    ElseIf Not (KeyAscii >= Asc("0") _
    And KeyAscii <= Asc("9") _
    Or KeyAscii = vbKeyBack) Then
        Beep
        KeyAscii = 0
    End If
End Sub

Private Sub TxtJumlah_Change()
    On Error Resume Next
    If TxtJumlah.Text = "" Or TxtHBeli.Text = "" Then
        TxtTotal.Text = "0"
        Exit Sub
    Else

```

```

        TxtTotal.Text = Val(TxtJumlah.Text) * Val(TxtHBeli.Text)
    End If
End Sub

Private Sub TxtJumlah_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
    ElseIf Not (KeyAscii >= Asc("0") _
        And KeyAscii <= Asc("9") _
        Or KeyAscii = vbKeyBack) Then
        Beep
        KeyAscii = 0
    End If
End Sub

```

9. Transaksi Penjualan

```

Option Explicit
Dim Baris As Integer
Dim i As Integer
Dim KodeBarang As String
Dim HariIni As String
Dim arrHari(1 To 7) As String

Private Sub Form_Load()
    Call BukaDatabase
    Call FormNormal
    Call DataPelanggan

    TbSimpan.Enabled = False
    TbCari.Enabled = False
    TbMasuk.Enabled = False
End Sub

Sub FormKosong()
    TxtNoNota.Text = ""
    TxtTgl.Text = "__/__/____"
    txtKodeG.Text = ""
    txtKode.Text = "____.____"
    txtNama.Text = ""
    TxtHarga.Text = "0"
    TxtJumlah.Text = ""
    TxtTotal.Text = "0"
    cmbPelanggan.Text = ""
    txtNmPelanggan.Text = ""

    Baris = 1
    GridJual.Clear

```

```

GridJual.Rows = 2
Call AktifGridJual
End Sub

Sub FormTransKosong()
    TxtTotBayar.Text = "0"
    TxtUBayar.Text = "0"
    TxtUKembali.Text = "0"
End Sub

Sub FormMati()
    TxtNoNota.Enabled = False
    TxtTgl.Enabled = False
    txtKodeG.Enabled = False
    txtKode.Enabled = False
    txtNama.Enabled = False
    TxtHarga.Enabled = False
    TxtJumlah.Enabled = False
    TxtTotal.Enabled = False
    cmbPelanggan.Enabled = False
    txtNmPelanggan.Enabled = False

    TxtTotBayar.Enabled = False
    TxtUBayar.Enabled = False
    TxtUKembali.Enabled = False
End Sub

Sub FormHidup()
    TxtNoNota.Enabled = True
    txtKodeG.Enabled = True
    txtKode.Enabled = True
    txtNama.Enabled = True
    TxtHarga.Enabled = True
    TxtJumlah.Enabled = True
    TxtTotal.Enabled = True
    cmbPelanggan.Enabled = True
    txtNmPelanggan.Enabled = True

    TxtTotBayar.Enabled = True
    TxtUBayar.Enabled = True
    TxtUKembali.Enabled = True
End Sub

Sub FormNormal()
    Call FormMati
    Call FormKosong

    TbKeluar.Caption = "&Keluar"
    TbSimpan.Enabled = False
    TbBaru.Enabled = True

```

```

TbCari.Enabled = False
TbMasuk.Enabled = False

TxtNoNota.Locked = True
TxtHarga.Locked = True
TxtTotal.Locked = True
End Sub

Sub BuatNotaJual()
    Dim Kd As String
    Dim KodeBaru As String

    SQL = "SELECT * FROM Penjualan ORDER BY No_Nota"
    Set Rs_Data = New ADODB.Recordset
    Rs_Data.Open SQL, KonekDb, _
        adOpenDynamic, adLockBatchOptimistic
    Rs_Data.Requery

    With Rs_Data
        If .BOF Then
            TxtNoNota.Text = "JL-00000001"
            Exit Sub
        Else
            .MoveLast
            Kd = !No_Nota
            Kd = Val(Right(Kd, 7))
            Kd = Kd + 1
        End If
        KodeBaru = "JL-" + Format(Kd, "0000000")
    End With
    TxtNoNota.Enabled = True
    TxtNoNota.Text = KodeBaru
End Sub

Sub AktifGridJual()
    With GridJual
        .Cols = 5
        .RowHeightMin = 300

        .Col = 0
        .Row = 0
        .Text = "KODE"
        .CellFontBold = True
        .ColWidth(0) = 1300
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter

        .Col = 1
        .Row = 0
        .Text = "NAMA BARANG"
    End With
End Sub

```

```

.CellFontBold = True
.ColWidth(1) = 4200
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 2
.Row = 0
.Text = "HARGA (Rp)"
.CellFontBold = True
.ColWidth(2) = 1800
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 3
.Row = 0
.Text = "JUMLAH"
.CellFontBold = True
.ColWidth(3) = 1300
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter

.Col = 4
.Row = 0
.Text = "SUBTOTAL (Rp)"
.CellFontBold = True
.ColWidth(4) = 1800
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
End With
End Sub

Private Sub Form_Unload(Cancel As Integer)
    If MsgBox("YAKIN AKAN MENUTUP JENDELA INI..?", _
        vbQuestion + vbYesNo, "Exit") = vbYes Then
        Unload Me
    End If
End Sub

Sub DataPelanggan()
    SQL = "SELECT * FROM Pelanggan"
    Set Rs_Pelanggan = New ADODB.Recordset
    Rs_Pelanggan.Open SQL, KonekDb, _
        adOpenDynamic, adLockBatchOptimistic
    Rs_Pelanggan.Requery
    With Rs_Pelanggan
        If .EOF And .BOF Then
            MsgBox "DATA PELANGGAN TIDAK ADA", vbOKOnly + vbCritical,
                "Error"
        Else
            cmbPelanggan.Clear
        End If
    End With
End Sub

```

```

        Do Until .EOF
            cmbPelanggan.AddItem ![Kode_Pelanggan] _
                + " | " + ![Nama_Pelanggan]
            .MoveNext
        Loop
        .MoveFirst
    End If
End With
End Sub

Private Sub cmbPelanggan_Click()
    Dim CmbTerpilih As String
    Dim PanjangKanan As Integer

    Call FormHidup

    CmbTerpilih = cmbPelanggan.Text
    PanjangKanan = Len(cmbPelanggan.Text) - 7

    cmbPelanggan.Text = Left(cmbPelanggan.Text, 5)
    txtNmPelanggan.Text = Right(CmbTerpilih, PanjangKanan)
End Sub

Private Sub TbBaru_Click()
    TxtTgl.Text = Format(Date, "dd/MM/yyyy")
    Call FormHidup
    Call AktifGridJual
    Call BuatNotaJual

    TbBaru.Enabled = False
    TbCari.Enabled = True
    TbKeluar.Caption = "&Batal"
    TbSimpan.Enabled = True
    TbMasuk.Enabled = True

    cmbPelanggan.Text = "PG001"
    txtNmPelanggan.Text = "UMUM"

    Baris = 1
End Sub

Private Sub TbCari_Click()
    frmCariBarang2.Show 1
End Sub

Private Sub TbKeluar_Click()
    If TbKeluar.Caption = "&Keluar" Then
        FrmUtama.Enabled = True
        Unload Me
    Else

```

```

        Call FormNormal
        Call FormTransKosong
    End If
End Sub

Private Sub TbMasuk_Click()
    If txtKode.Text = "" Then
        MsgBox "Barang masih kosong! ", _
            vbOKOnly + vbCritical, "Error"
        TbCari.SetFocus
    ElseIf TxtJumlah.Text = "0" Or TxtJumlah.Text = "" Then
        MsgBox "Jumlah barang masih kosong! ", _
            vbOKOnly + vbCritical, "Error"
        TxtJumlah.SetFocus
    ElseIf GridJual.Rows = 1 Then
        MsgBox "Belum ada barang yang akan dijual!", _
            vbOKOnly + vbCritical, "Error"
        TbCari.SetFocus
    Else
        KodeBarang = txtKodeG.Text & "." & txtKode.Text & ""

        GridJual.Rows = Baris + 1
        GridJual.TextMatrix(Baris, 0) = KodeBarang
        GridJual.TextMatrix(Baris, 1) = txtNama.Text
        GridJual.TextMatrix(Baris, 2) = TxtHarga.Text
        GridJual.TextMatrix(Baris, 3) = TxtJumlah.Text
        GridJual.TextMatrix(Baris, 4) = TxtTotal.Text

        TxtTotBayar.Text = Val(TxtTotBayar.Text) + Val(TxtTotal.Text)

        Baris = Baris + 1
        Call BersihBarang
    End If
End Sub

Sub BersihBarang()
    txtKodeG.Text = ""
    txtKode.Text = "____.____"
    txtNama.Text = ""
    TxtHarga.Text = "0"
    TxtJumlah.Text = ""
    TxtTotal.Text = "0"
End Sub

Private Sub TbSimpan_Click()
    Dim i As Integer

    If TxtNoNota.Text = "" Then
        MsgBox "Nomor transaksi masih kosong !", vbOKOnly + vbCritical, "Error"
        TxtNoNota.SetFocus
    End If
End Sub

```



```

ElseIf Baris = 1 Then
    MsgBox "Belum ada Barang yang akan dijual!", vbOKOnly + vbCritical,
"Error"
    TbCari.SetFocus
ElseIf TxtUBayar.Text = "" Or TxtUBayar.Text = "0" Then
    MsgBox "Belum melakukan pembayaran ! ", vbOKOnly + vbCritical, "Error"
    TxtUBayar.SetFocus
ElseIf Val(TxtUBayar.Text) < Val(TxtTotBayar.Text) Then
    MsgBox "Pembayaran masih kurang", vbOKOnly + vbCritical, "Error"
    TxtUBayar.SetFocus
Else
    SQL = ""
    SQL = "INSERT INTO Penjualan" _
        & "(No_Nota,Tgl_Nota,Total_Bayar,Kode_Pelanggan,UserID)" _
        & "VALUES (" & TxtNoNota.Text & "," _
        & Format(Date, "yyyy-MM-dd") & "," _
        & TxtTotBayar.Text & "," _
        & cmbPelanggan.Text & "," _
        & UserId & ")"
    KonekDb.Execute SQL, , adCmdText

    For i = 1 To Baris - 1
        SQL = ""
        SQL = "INSERT INTO Penjualan_Detail" _
            & "(No_Nota,Kode_Barang,Harga_Jual,Jumlah,SubTotal)" _
            & "VALUES (" & TxtNoNota.Text & "," _
            & GridJual.TextMatrix(i, 0) & "," _
            & GridJual.TextMatrix(i, 2) & "," _
            & GridJual.TextMatrix(i, 3) & "," _
            & GridJual.TextMatrix(i, 4) & ")"
        KonekDb.Execute SQL, , adCmdText

        Dim JumBeli As Integer
        Dim Kode As String
        JumBeli = Val(GridJual.TextMatrix(i, 3))
        Kode = GridJual.TextMatrix(i, 0)

        SQL = ""
        SQL = "UPDATE Barang SET " _
            & "Stok=Stok - " & JumBeli & "" _
            & " WHERE Kode_Barang=" & Kode & ""
        KonekDb.Execute SQL, , adCmdText
    Next i
    MsgBox "DATA TRANSAKSI TELAH TERSIMPAN", vbOKOnly +
vbInformation, "Konfirmasi"

    'FrmUtama.Enabled = False
    'frmPenjualan.Enabled = False

    On Error Resume Next

```

```

        With frmCetakJual
            .NoNota = TxtNoNota.Text
            .TotHarga = TxtTotBayar.Text
            .UangBayar = TxtUBayar.Text
            .UangKembali = TxtUKembali.Text
            .Show 1
        End With

        Call FormNormal
        Call FormTransKosong
    End If

End Sub

Private Sub txtKodeG_KeyPress(KeyAscii As Integer)
    KeyAscii = Asc(UCase((Chr(KeyAscii))))
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
        KeyAscii = 0
    End If
End Sub

Private Sub txtKode_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        If Len(txtKodeG.Text) < 3 Then
            MsgBox "KODE GRUP HARUS 3 DIGIT", vbCritical, "Error"
            Exit Sub
        End If

        KeyAscii = 0
        KodeBarang = txtKodeG.Text & "." & txtKode.Text & ""

        Set Rs_Barang = New ADODB.Recordset
        Rs_Barang.Open "SELECT * FROM Barang " & _
            & " WHERE Kode_Barang='" & KodeBarang & "'", _
            KonekDb, adOpenDynamic, adLockBatchOptimistic

        If Rs_Barang.BOF Then
            MsgBox "KODE BARANG TIDAK DIKENALI ", _
                vbInformation, "Info"
        Else
            With Rs_Barang
                txtNama.Text = !Nama_Barang
            End With
        End If
    End If
End Sub

Private Sub TxtUBayar_Change()
    On Error Resume Next

```

```

If TxtUBayar.Text = "" Or TxtTotBayar.Text = "" Then
    TxtUKembali.Text = "0"
    Exit Sub
Else
    TxtUKembali.Text = Val(TxtUBayar.Text) - Val(TxtTotBayar.Text)
End If
End Sub

Private Sub TxtUBayar_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
    ElseIf Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") _
        Or KeyAscii = vbKeyBack) Then
        Beep
        KeyAscii = 0
    End If
End Sub

Private Sub TxtJumlah_Change()
    On Error Resume Next
    If TxtJumlah.Text = "" Or TxtHarga.Text = "" Then
        TxtTotal.Text = "0"
        Exit Sub
    Else
        TxtTotal.Text = TxtJumlah.Text * TxtHarga.Text
    End If
End Sub

Private Sub TxtJumlah_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        SendKeys "{tab}"
    ElseIf Not (KeyAscii >= Asc("0") And KeyAscii <= Asc("9") _
        Or KeyAscii = vbKeyBack) Then
        Beep
        KeyAscii = 0
    End If
End Sub

```

10. Laporan Seluruh Pemasok

```

Private Sub DataReport_Terminate()

    DeLaporan.rscmdPemasok.Close
End Sub

```

11. Laporan Seluruh Produk

```
Private Sub DataReport_Terminate()  
    rptLapProduk.Refresh  
    DeLaporan.rscmdProduk.Close  
End Sub
```

12. Laporan Seluruh Barang

```
Private Sub DataReport_Terminate()  
    rptSelBarangMasuk.Refresh  
    'DeLaporan.rscmdSelBarangMasuk.Close  
End Sub
```